



# Communicable Diseases Quarterly Report

Quarter 1: January 1 - March 31, 2018

Department of Public Health

	2017 Cases		2018 Cases	
	QTR 1	YTD	QTR 1	YTD
<b>Sexually Transmitted Diseases</b>				
<a href="#">AIDS</a>	22	22	<10	<10
<a href="#">Chlamydia</a>	1848	1848	1616	1616
<a href="#">Gonococcal Infection</a>	561	561	495	495
<a href="#">HIV</a>	52	52	18	18
<a href="#">Syphilis-Total</a>	388	388	324	324

Vaccine Preventable Diseases				
<a href="#">Hepatitis A</a>	0	0	<10	<10
<a href="#">Hepatitis B (Acute)</a>	0	0	0	0
<a href="#">Hepatitis B (Chronic)</a>	50	50	48	48
<a href="#">Meningococcal disease</a>	0	0	<10	<10
<a href="#">Mumps</a>	0	0	<10	<10
<a href="#">Pertussis</a>	<10	<10	11	11

Food Borne Diseases				
<a href="#">Campylobacteriosis</a>	60	60	33	33
<a href="#">Shiga Toxigenic E. Coli</a>	<10	<10	0	0
<a href="#">Giardia</a>	<10	<10	14	14
<a href="#">Salmonellosis</a>	21	21	16	16
<a href="#">Shigellosis</a>	11	11	12	12
<a href="#">Food Borne Outbreaks</a>	0	0	<10	<10

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

Selected Communicable Diseases				
<a href="#">Coccidioidomycosis</a>	98	98	200	200
<a href="#">Hepatitis C (Chronic)</a>	237	237	202	202
<a href="#">Legionellosis</a>	<10	<10	<10	<10
<a href="#">Meningitis</a>	14	14	14	14
<a href="#">Tuberculosis</a>	17	17	<10	<10

#### 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/2018/> for more information.

### Spotlight: Hepatitis A

California is experiencing the largest person-to-person outbreak of Hepatitis A in the United States since the introduction of the Hepatitis A vaccine in 1996. Since the outbreak began in 2017, the California Department of Public Health (CDPH) has reported a total of 703 Hepatitis A cases, 460 hospitalizations and 21 deaths that occurred primarily in San Diego, Los Angeles, Monterey and Santa Cruz counties (as of 3/23/18). Fresno County has had 10 confirmed cases (from Jan 2017 - Mar 2018) of Hepatitis A and currently does not have any Hepatitis A cases associated with this outbreak.

Hepatitis A is caused by a virus and symptoms of infection can include: fever, fatigue, poor appetite, nausea, vomiting, abdominal pain, dark urine, joint pain and jaundice. The Hepatitis A virus usually spreads when a person ingests the virus from objects or food contaminated by stool from an infected person. Most people who get Hepatitis A will recover from their illness and death rarely occurs. Those that do die from Hepatitis A infection usually have underlying liver disease and/or are older aged. Risk factors for infection include:

- Traveling to areas where hepatitis A is common
- Men who have sex with men
- Injection and non-injection drug use
- Being homeless

The Hepatitis A vaccine is nearly 100% effective after completing the necessary doses and is the best way to prevent illness. The Fresno County Department of Public Health provides the Hepatitis A vaccine and can be reached at (559) 600-3550. Other important prevention measures include proper hand washing with soap and water after using the restroom, changing diapers and before eating or preparing food.

### 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/Pages/CDPHHome.aspx>

Fresno County Department of Public Health:

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