



Communicable Diseases Quarterly Report

Quarter 2: April - June 30, 2021

Department of Public Health

	2020 Cases		2021 Cases	
	QTR 2	YTD	QTR 2	YTD
Sexually Transmitted Diseases				
AIDS¹	16	33	13	33
Chlamydia	1222	2492	1362	2969
Gonococcal Infection	479	1032	643	1331
HIV¹	27	66	37	75
Syphilis-Total	237	513	331	645

Vaccine Preventable Diseases				
Hepatitis A	0	<10	<10	<10
Hepatitis B (Acute)	<10	<10	<10	<10
Hepatitis B (Chronic)	56	219	134	261
Meningococcal disease	0	0	0	0
Mumps	0	16	0	0
Pertussis	<10	<10	0	0

Food Borne Diseases				
Campylobacteriosis	22	66	98	145
Shiga Toxigenic E. Coli	0	14	27	32
Giardia	<10	10	10	17
Salmonellosis	<10	27	40	56
Shigellosis	<10	12	24	35

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

Selected Communicable Diseases				
Coccidioidomycosis	58	219	101	200
Hepatitis C (Chronic)	11	48	57	95
Legionellosis	<10	<10	<10	<10
Meningitis	16	48	16	36
Tuberculosis	<10	21	<10	22

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. [National Notifiable Diseases Surveillance System | CDC](#) for more information.
- ¹ Reporting for HIV and AIDS is delayed and the numbers presented are likely underreported.

Spotlight: Respiratory Syncytial Virus Infection (RSV)

Respiratory Syncytial Virus Infection (RSV) is a respiratory illness caused by the human Orthopneumovirus. Symptoms of infection can include: runny nose, decreased appetite, coughing, sneezing, fever and wheezing. RSV 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. RSV can also be spread when one touches infected surfaces and then proceeds to touch their mouth, eyes or nose.

Some people are at a higher risk of serious complications from the RSV, but most people have a mild infection that resolves within a few weeks. High-risk individuals include: older adults, older adults with chronic health conditions and infants less than 6 months of age.

RSV typically circulates during the winter months and usually less than 1% respiratory illness specimens in California test positive for RSV during summer months. RSV activity this summer has been trending higher each week exceeding the 1% threshold. Moving into fall during week 40 which ended on 9/25/21, 12.9% of specimens tested positive for the virus in California.

Unfortunately no vaccine exists for RSV and the best way to reduce its spread is through good hygiene measures including: washing your hands often, sanitizing high touch surfaces, covering your mouth when coughing or sneezing, avoiding close contact with ill people and staying at home to rest if you become ill.

References

Centers for Disease Control and Prevention (2021). Respiratory Syncytial Virus Infection (RSV). Retrieved from: <https://www.cdc.gov/rsv/index.html>

California Department of Public Health (CDPH) Division of Communicable Disease Control (DCDC). Communicable Disease Brief Week 40 2021. Syncytial Virus and Other Respiratory Virus Activity in California.

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

California Department of Public Health (CDPH):

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

Fresno County Department of Public Health (FCDPH):

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