



HEALTH & HUMAN SERVICES

Epi Flash Report

Fort Bend County

Public Health Emergency Preparedness Program

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Health & Human

Services

Public Health

Emergency

Preparedness

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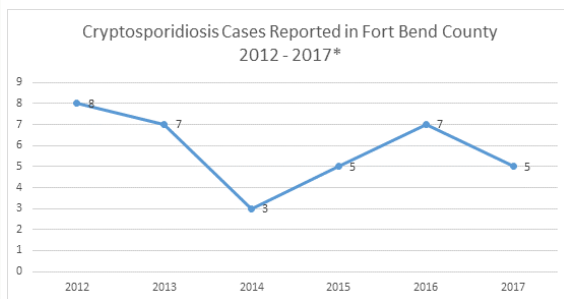


Fort Bend County
Health & Human
Services



Reporting and Surveillance of Cryptosporidiosis

Over the years, the average number of cases of cryptosporidiosis reported in Texas has been 475 cases per year (ranging from 302 to 740). During that same period in Fort Bend County, the average number of cases reported has been five cases per year with a range of 2 to 8. Since January 2017, five human cases have also been reported to the Fort Bend County health department.



Cryptosporidiosis is a nationally notifiable disease. Healthcare providers and laboratories that diagnose cases of laboratory-confirmed cryptosporidiosis are required to report those cases to the local health or state health departments, which will report the cases to the Centers for Disease Control and Prevention (CDC)

Cryptosporidiosis is a diarrheal illness commonly spread by a parasite called *Cryptosporidium parvum*. Symptoms may include diarrhea, nausea, fever, stomach cramps, and vomiting. The illness usually lasts 1 to 2 weeks in individuals with healthy immune systems. For those who may have immune deficiencies, such as HIV/AIDS, cancer, or a recent organ transplant, the infection may be severe and may last longer.

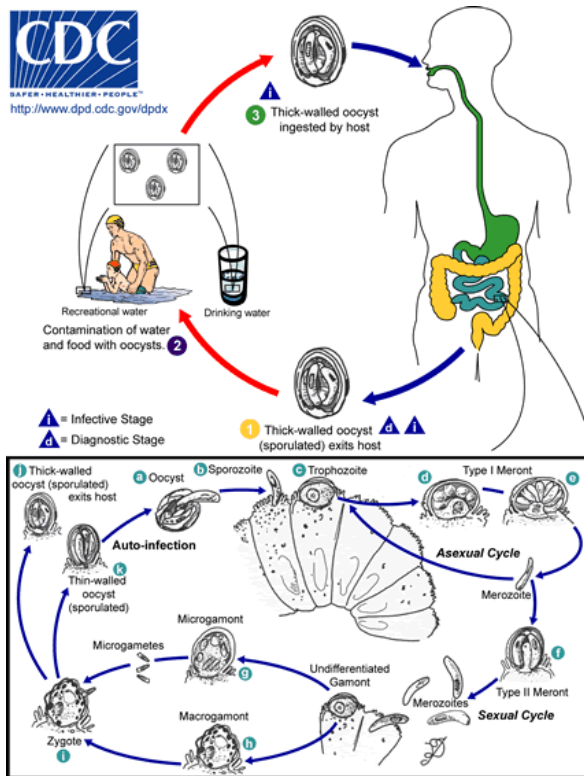
Supportive laboratory evidence is obtained by examination of stool samples. Detection of *Cryptosporidium* can be difficult and patients may be asked to submit several stool samples over several days. Stool specimens are often examined microscopically using different techniques (e.g., acid-fast staining, direct fluorescent antibody [DFA], and/or enzyme immunoassays for detection of *Cryptosporidium* sp. antigens). Molecular methods (e.g., polymerase chain reaction – PCR) are increasingly used in reference diagnostic labs, since they can be used to identify *Cryptosporidium* at the species level.

Tests for *Cryptosporidium* are not routinely done in most laboratories; therefore, healthcare providers should specifically request testing for this parasite.

To report confirmed or suspected cases, use any of the following numbers:

Phone: 281-342-6414 Fax: 281-342-7371 or 281-344-6104

*As of 12/12/2017



Environmental & Infectious Diseases in Fort Bend County

Diseases Notified to Texas DSHS	# of Investigations Completed in November 2017	# of Cases Notified to TX DSHS in November 2017	# of Investigations Completed from 01/01/2017 to 11/30/2017	# of Cases Notified to TX DSHS from 01/01/2017 to 11/30/2017
Campylobacteriosis	4	4	43	43
Carbapenem-resistant Enterobacteriaceae (CRE)	1	1	39	39
Cryptosporidiosis	1	1	5	5
Giardiasis	3	-	21	15
Influenza, human isolates	32	-	486	-
Malaria	1	1	12	12
Methicillin-resistant Staphylococcus aureus (MRSA)	4	-	53	-
Salmonellosis	1	1	99	99
Streptococcus pneumonia, invasive disease (IPD)	1	1	17	16
Streptococcus, invasive Group A	1	-	13	16
Streptococcus, invasive Group B	12	4	82	27



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Public Health
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