

## Cryptosporidiosis

2011 Case Total	90	2011 Incidence Rate	2.4 per 100,000
2010 Case Total	122	2010 Incidence Rate	3.3 per 100,000

The number of cryptosporidiosis cases reported in Oklahoma during 2011 was a 26.2% decrease compared to the 122 cases reported during 2010. *Cryptosporidium* was identified by antigen identification using immunodiagnostic methods in 88 (98%) of the 90 reported cases, and the *Cryptosporidium* organism or DNA was detected by PCR in two (2%).

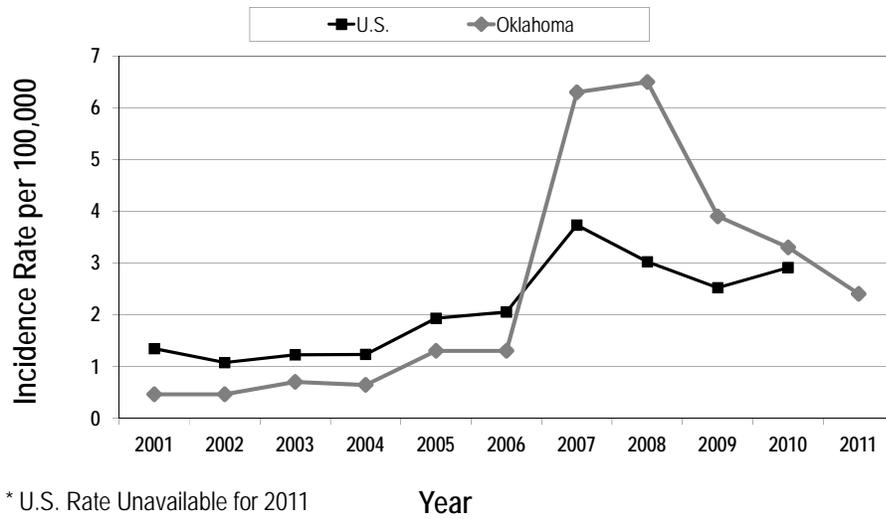
The highest incidence rate of cryptosporidiosis occurred in persons 60 to 69 years of age (5.0 per 100,000 population). Six (7%) cases reported working in or attending a child care setting. In 2011, the majority of cases occurred in June (17%). The highest incidence rates of cryptosporidiosis occurred among residents of Jackson (18.9 per 100,000 population), Johnston (18.3 per 100,000 population), and Stephens counties (13.3 per 100,000 population). Ten individuals (13%) reported exposure to a pond or river, and 15 (19%) reported exposure to a swimming pool.

*Cryptosporidium* is one of the most common causes of waterborne disease among humans in the United States. For information about healthy swimming behaviors to prevent recreational water-related diseases, visit the Oklahoma State Department of Health, Acute Disease Service website at <http://ads.health.ok.gov>.

**Demographic Summary of Reported Cryptosporidiosis Cases, Oklahoma, 2011 (N = 90)**

	Number (%)	Incidence Rate per 100,000
Gender		
Female	52 (58%)	2.75
Male	38 (42%)	2.05
Age	Median = 47.5 years (range: 1 – 86 years)	
Race		
White	76 (84%)	2.81
Black or African American	2 (2%)	0.72
American Indian or Alaskan Native	2 (2%)	0.62
Asian	2 (2%)	1.54
Two or more races	2 (2%)	0.9
Unknown	6 (7%)	-
Hispanic or Latino Ethnicity	6 (7%)	1.81
Hospitalization	31 (34%)	-
Symptoms		
Diarrhea	79 (88%)	-
Watery diarrhea	68 (76%)	-
Abdominal cramps	64 (71%)	-
Anorexia	45 (50%)	-
Duration of diarrhea	Median = 7 days (range: 2 – 200 days)	
Number of loose stools in a 24-hour period	Median = 10 stools (range: 0 – 50 stools)	

### Incidence Rate of Reported Cryptosporidiosis by Year, Oklahoma and U.S., 2001 – 2011\*



### Incidence Rate of Reported Cryptosporidiosis Cases by Age Group and Gender, Oklahoma, 2011

