



Cryptosporidiosis Surveillance Project

First Quarterly Report

2010



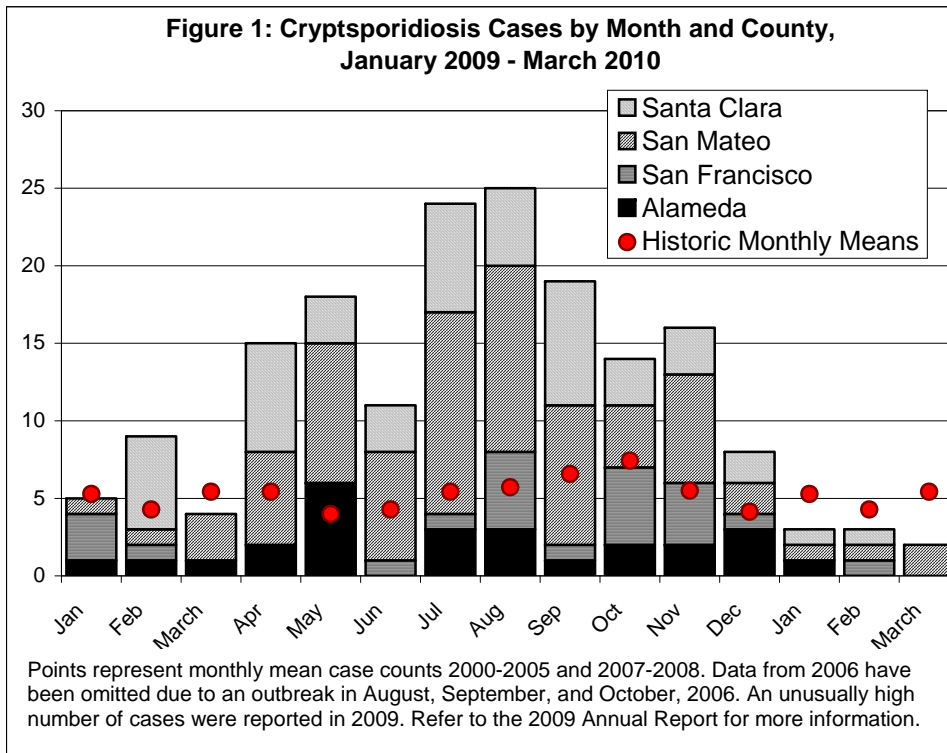
The San Francisco Bay Area Cryptosporidiosis Surveillance Project monitors human cryptosporidiosis in Bay Area Counties served in part or completely by the San Francisco Public Utilities Commission: Alameda, San Francisco, San Mateo, and Santa Clara, and Tuolumne County, where the Hetch Hetchy Reservoir is located.

Surveillance Summary: First Quarter 2010:

During the first quarter of 2010, eight cryptosporidiosis cases were reported. Fewer cases were reported than in the same period in 2009 or the historic average. No common exposures were identified among cases. No system-wide, drinking water associated cryptosporidiosis outbreaks were detected.

Table 1: Number, Gender and Cumulative Incidence of Cryptosporidiosis Cases by County, January –March 2010

| County | N | % Male | | Cumulative Incidence per 100,000 [‡] |
|---------------|----------|-----------|-------------|-----------------------------------------------|
| | | N | % | |
| Tuolumne | 0 | NA | NA | NA |
| San Mateo | 4 | 25 | 0.54 | |
| Santa Clara | 2 | 100 | 0.11 | |
| Alameda | 1 | 100 | 0.06 | |
| San Francisco | 1 | 100 | 0.12 | |
| Total | 8 | 63 | 0.16 | |

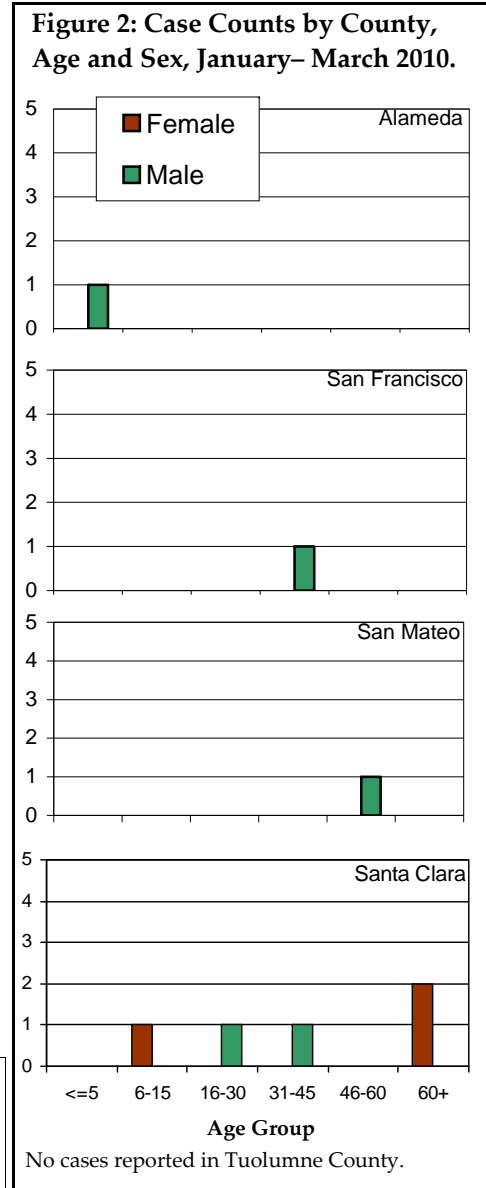


Points represent monthly mean case counts 2000-2005 and 2007-2008. Data from 2006 have been omitted due to an outbreak in August, September, and October, 2006. An unusually high number of cases were reported in 2009. Refer to the 2009 Annual Report for more information.

Graphics and Tables:

- Table 1: Cryptosporidiosis case totals, gender ratio and cumulative incidence by county for January through March 2010.
- Figure 1: Monthly case totals by county for January 2009 through March 2010.
- Figure 2: Cryptosporidiosis case counts by county, age group and sex for January through March 2010.

[†] Historical data obtained through the cooperation of the California Emerging Infections Program.
[‡] Cumulative incidences were calculated using the following population estimates: State of California, Department of Finance, E-1 population Estimates for Cities, Counties and the State with Annual Percent Change – January 1, 2008 and 2009. Sacramento, California, May 2009.



This report was created in April 2010 by the San Francisco Department of Public Health Environmental Health Section in partnership with the San Francisco Public Utilities Commission. For more information, contact michelle.kirian@sfdph.org, visit our website <http://www.sfphes.org/water/crypto>

These data are preliminary and not yet confirmed. They do not suggest a source of infection nor reflect any association with the presence or absence of any potential contaminants in the water supply. This information should be considered privileged. It should not be reproduced or distributed.