

Foodborne and waterborne illnesses (FBI/WBI) are caused by contaminated food and water and commonly cause such symptoms as nausea, vomiting, and diarrhea. Food and water can be contaminated by a variety of bacteria, viruses, parasites, and even chemicals. This report provides statistics on FBI/WBI most commonly reported in Sacramento County for the years 2013 through 2017.

The total number of cases of select bacterial-related foodborne/waterborne illnesses (FBI/WBI) reported in Sacramento County increased by 89.4% between 2013 and 2017 [Table 1]. During this five-year period, campylobacteriosis cases increased by 57.9%, *Escherichia coli* (*E. coli*) cases increased by 286.7%, and salmonellosis cases increased by 95.9%. The total number of listeriosis, typhoid fever, and yersiniosis cases decreased by 20.0% between 2013 and 2017.

Parasitic-related FBI/WBI cases reported in the County increased by 461.0% between 2013 and 2017 [Table 2]. Giardiasis accounted for the highest increase in reported cases by 520.0%. This increase is largely due to increased screening and testing among refugee populations. The number of cryptosporidiosis cases also increased by 171.4% while the number of amebiasis cases decreased by 85.7%.

The total number of cases of select viral-related FBI/WBI increased by 10.0% during this five-year period [Table 3]. This was attributed to a 150.0% increase in hepatitis A cases and an 83.3% decrease in acute hepatitis E cases.

Notes: Data are provisional. Counts may be influenced by surveillance artifacts and outbreaks. Case definitions were revised for the following: Campylobacteriosis (2015), *E. coli* (STEC) (2014), Salmonellosis (2017), Shigellosis (2017), *Vibrio* (2017), and Trichinosis (2014).

Table 1. Cases of Select Foodborne/Waterborne Bacterial Diseases, Sacramento County, 2013-2017

Disease	2013	2014	2015	2016	2017
Campylobacteriosis²	259	240	317	328	409
<i>Escherichia coli</i> (<i>E. coli</i>): Shiga toxin producing (STEC)²	15	44	65	47	58
Listeriosis¹	1	3	2	6	3
Salmonellosis²	148	165	199	142	290
Shigellosis²	17	16	78	34	91
Typhoid Fever²	7	3	1	2	4
<i>Vibrio</i>²	5	7	5	2	4
Yersiniosis¹	2	1	5	6	1
Total	454	479	672	567	860

Table 2. Cases of Select Foodborne/Waterborne Parasitic Diseases, Sacramento County, 2013-2017

Disease	2013	2014	2015	2016	2017
Amebiasis²	7	4	4	2	1
Cryptosporidiosis²	7	6	6	11	19
Giardiasis³	91	79	183	301	564
Trichinosis²	0	1	0	0	5
Total	105	90	193	314	589

Table 3. Cases of Select Foodborne/Waterborne Viral Diseases, Sacramento County, 2013-2017

Disease	2013	2014	2015	2016	2017
Hepatitis A¹	4	3	3	12	10
Hepatitis E, Acute²	6	1	7	7	1
Total	10	4	10	19	11

¹Includes confirmed cases

²Includes confirmed and probable cases

³Includes confirmed, probable, and suspect cases

⁴Includes confirmed and suspect cases

Data Source: California Reportable Disease Information Exchange (CalREDIE).
<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/CalREDIE.aspx>.

More information on FBI/WBI can be found on the Centers for Disease Control and Prevention's website (<https://www.cdc.gov/foodsafety/foodborne-germs.html>) or the California Department of Public Health's website (<https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/IDB.aspx>).