



City and County of San Francisco

Communicable Diseases by Year, 2013 - 2017

Disease	2013		2014		2015		2016		2017	
	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*
Amebiasis ¹	64	7.7	55	6.5	57	6.7	50	5.8	0	0.0
Anaplasmosis/Ehrlichiosis	1	0.1	1	0.1	1	0.1	1	0.1	0	0.0
Anthrax	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Babesiosis	0	0.0	0	0.0	0	0.0	1	0.1	1	0.1
Botulism, Total	3	0.2	0	0.0	0	0.0	0	0.0	2	0.2
Botulism, Foodborne	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Botulism, Infant ²	2	22.1	0	0.0	0	0.0	0	0.0	2	22.4
Botulism, Unspecified	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Botulism, Wound	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Brucellosis	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Campylobacteriosis ³	396	47.5	405	48.2	514	60.6	454	53.0	422	47.9
Chikungunya Virus Infection ⁴	-	-	2	0.2	8	0.9	6	0.7	0	0.0
Cholera	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Ciguatera Fish Poisoning	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0
Coccidioidomycosis	16	1.9	5	0.6	12	1.4	9	1.1	14	1.6
Creutzfeldt-Jakob Disease	1	0.1	4	0.5	0	0.0	1	0.1	0	0.0
Cryptosporidiosis	17	2.0	16	1.9	48	5.7	23	2.7	25	2.8
Cyclosporiasis	0	0.0	0	0.0	3	0.4	0	0.0	3	0.3
Cysticercosis or Taeniasis	1	0.1	0	0.0	2	0.2	1	0.1	1	0.1
Dengue Virus Infection	3	0.4	8	1.0	4	0.5	6	0.7	2	0.2
Diphtheria	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Domoic Acid Poisoning	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Encephalitis, Total	0	0.0	2	0.2	0	0.0	1	0.1	1	0.1
Encephalitis, Bacterial	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Encephalitis, Fungal	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Encephalitis, Parasitic	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Encephalitis, Unspecified	0	0.0	1	0.1	0	0.0	0	0.0	1	0.1
Encephalitis, Viral	0	0.0	1	0.1	0	0.0	1	0.1	0	0.0
Flavivirus Infection of Undetermined Species ⁵	-	-	-	-	-	-	0	0.0	0	0.0
Giardiasis	193	23.1	164	19.5	199	23.5	215	25.1	246	27.9
<i>Haemophilus influenzae</i> , Invasive ⁶	1	1.0	2	1.9	0	0.0	1	2.3	1	2.3
Hantavirus Infections	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Hemolytic Uremic Syndrome (HUS) ⁷	6	0.7	0	0.0	1	0.1	1	0.1	1	0.1
Hepatitis A	4	0.5	6	0.7	5	0.6	3	0.4	20	2.3
Hepatitis B, Acute	3	0.4	2	0.2	4	0.5	2	0.2	1	0.1
Hepatitis C, Acute ⁸	0	0.0	0	0.0	1	0.1	7	0.8	10	1.1
Hepatitis D (Delta)	0	0.0	0	0.0	0	0.0	1	0.1	0	0.0
Hepatitis E, Acute	0	0.0	1	0.1	3	0.4	2	0.2	5	0.6
Influenza, Death (0-64 years old) ⁹	1	0.1	1	0.1	1	0.1	0	0.0	2	0.3
Legionellosis	2	0.2	2	0.2	4	0.5	1	0.1	7	0.8
Leprosy (Hansen Disease)	0	0.0	0	0.0	1	0.1	0	0.0	0	0.0
Leptospirosis	0	0.0	0	0.0	1	0.1	1	0.1	1	0.1
Listeriosis	8	1.0	8	1.0	8	0.9	4	0.5	5	0.6
Lyme Disease ¹⁰	12	1.4	3	0.4	1	0.1	2	0.2	19	2.2
Malaria	3	0.4	8	1.0	5	0.6	7	0.8	6	0.7
Measles (Rubeola)	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, Total ¹¹	6	0.7	11	1.3	23	2.7	23	2.7	38	4.3
Meningitis, Bacterial ¹¹	2	0.2	6	0.7	4	0.5	8	0.9	16	1.8
Meningitis, Fungal	3	0.4	2	0.2	9	1.1	7	0.8	4	0.5
Meningitis, Parasitic	0	0.0	0	0.0	0	0.0	0	0.0	1	0.1
Meningitis, Unspecified	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Meningitis, Viral	1	0.1	3	0.4	10	1.2	8	0.9	17	1.9
Meningococcal Disease, Invasive	4	0.5	2	0.2	5	0.6	2	0.2	1	0.1
Mumps	2	0.2	1	0.1	1	0.1	9	1.1	11	1.2

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Disease	2013		2014		2015		2016		2017	
	N	Rate*	N	Rate*	N	Rate*	N	Rate*	N	Rate*
Paralytic Shellfish Poisoning	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Paratyphoid Fever ¹²	-	-	-	-	-	-	-	-	1	0.1
Pertussis ¹³	45	5.4	79	9.4	55	6.5	11	1.3	35	4.0
Plague, Human	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Poliovirus Infection	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Psittacosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Q Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rabies, Animal ¹⁴	2	N/A	6	N/A	3	N/A	2	N/A	4	N/A
Rabies, Human	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Relapsing Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Respiratory syncytial virus (RSV), Death (<5 years old) ^{5,15}	-	-	-	-	-	-	0	0.0	0	0.0
Rocky Mountain Spotted Fever (RMSF)	1	0.1	1	0.1	0	0.0	0	0.0	1	0.1
Rubella (German Measles)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rubella Syndrome, Congenital (CRS) ²	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Salmonellosis ¹⁶	195	23.4	180	21.4	183	21.6	153	17.9	163	18.5
Scombroid Fish Poisoning	2	0.2	1	0.1	0	0.0	0	0.0	2	0.2
Shiga toxin positive feces	1	0.1	7	0.8	2	0.2	3	0.4	5	0.6
Shiga toxin-producing <i>E. coli</i> (including O157)	26	3.1	25	3.0	37	4.4	33	3.9	53	6.0
Shigellosis, Total ¹⁶	119	14.3	267	31.8	315	37.1	183	21.4	186	21.1
Shigellosis, Group B (Flexneri)	58	7.0	65	7.7	57	6.7	61	7.1	58	6.6
Shigellosis, Group D (Sonnei)	56	6.7	190	22.6	184	21.7	39	4.6	69	7.8
Shigellosis, Other ^{16,17}	5	0.6	12	1.4	74	8.7	83	9.7	59	6.7
Smallpox	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Spotted Fever Rickettsiosis (excluding RMSF)	2	0.2	0	0.0	0	0.0	0	0.0	0	0.0
Streptococcal Infections, Food & Dairy Workers	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tetanus	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Trichinosis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tularemia, Human	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Typhoid Carrier	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Typhoid Fever	1	0.1	1	0.1	1	0.1	3	0.4	4	0.5
Typhus and Other Non-Spotted Fever Rickettsiosis	1	0.1	0	0.0	0	0.0	0	0.0	0	0.0
Varicella Hospitalization/Death	2	0.2	1	0.1	0	0.0	0	0.0	2	0.2
Vibrio Infections (Non-Cholera)	17	2.0	21	2.5	24	2.8	4	0.5	16	1.8
Viral Hemorrhagic Fevers (including Ebola)	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
West Nile virus, Total	1	0.1	1	0.1	0	0.0	1	0.1	1	0.1
West Nile virus, Asymptomatic Blood Donor	0	0.0	1	0.1	0	0.0	1	0.1	0	0.0
West Nile virus, Disease	1	0.1	0	0.0	0	0.0	0	0.0	1	0.1
Yellow Fever	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Yersiniosis	4	0.5	4	0.5	6	0.7	4	0.5	10	1.1
Zika Virus Infection ⁵	-	-	-	-	-	-	29	3.4	9	1.0

Notes: Data include San Francisco confirmed and probable cases reported to the San Francisco Department of Public Health (SFPDH) Communicable Disease Control Unit (CDCU), unless otherwise noted. Notifiable communicable disease reports managed by other SFPDH sections are not represented here: HIV/AIDS, sexually transmitted diseases (STDs), tuberculosis, and viral chronic hepatitis. For 2013-2016, case counts are presented by the year cases were reported to SFPDH CDCU. For 2017, case counts are presented by the earliest of the following dates (if available): onset date, diagnosis date, date of death, laboratory specimen collection date, or date report received. Please see annual report for more information:

<https://www.sfdcp.org/communicable-disease/publications-data-and-reports/>

*Rates with numerators less than 20 are considered unreliable. Rates are cases per 100,000 population. Population estimates for rates are from the California Department of Finance.

- In 2017, only specimens specifically identified as *Entamoeba histolytica* were investigated and counted as a case. *E. histolytica* cannot be distinguished from *E. dispar* by microscopy; case counts from previous years include indistinguishable *E. histolytica/dispar* specimens.
- Rate for residents age <1 yr.
- Includes suspect cases in 2014.
- Added to the list of notifiable diseases in California in 2016 but became reportable under Unusual Disease Occurrence in California in 2014.
- Added to the list of notifiable diseases in California in 2016.
- Prior to 2016, only reportable for cases <15 years (rate for residents age <15 years). Starting 2016, reportable for cases <5 years (rate for residents <5 years).
- Includes HUS only and *E. coli* STEC cases with HUS.
- Since 2016, a protocol for reporting seroconversions to CDCU from a study on hepatitis C among young people who inject drugs in San Francisco was implemented.
- Rate for residents age < 65 years of age.
- In 2017, CDCU began receiving ELR through the state surveillance system CalREDIE, leading to an increase in lab reporting of certain diseases such as Lyme.
- Excludes meningitis caused by *Neisseria meningitidis*, which is reported under Meningococcal Disease, Invasive.
- Prior to 2017, reported under salmonellosis.
- Includes suspect cases in 2017.
- Only includes confirmed cases.
- Rate for residents < 5 years of age.
- Includes suspect cases for years 2014-2016.
- Includes *Shigella boydii*, *Shigella dysenteriae*, and *Shigella*, Unspecified.