

Vaccine-preventable diseases (VPDs) are diseases for which vaccines exist to provide protection against the disease. Vaccination protects the person receiving the vaccine and also helps keep the disease from spreading to others in the community. This report provides statistics on VPDs reported in Sacramento County for the years 2014 through 2018.

The number of cases reported to have vaccine-preventable diseases (VPDs) in Sacramento County is shown in Table 1 for the years 2014 through 2018. The number of cases of hepatitis A and chickenpox (hospitalizations/deaths) reported in 2018 were similar to the previous two years but four times or higher compared to 2014. One case of measles was reported among an international traveler. Only one case of meningococcal disease was reported in 2018, compared to four cases reported on average between 2014 and 2017. No cases of diphtheria, polio, or rubella were reported in 2018.

The number of cases reported to have pertussis are shown by month and year in Figure 1. Pertussis generally follows a cyclical pattern with peaks in cases every three to five years. The number of pertussis cases remained low in 2018, four years after the peak in 2014.

Thirteen cases of hepatitis A were reported in 2018, the highest since 2014. Among these cases, 30.8% reported using illicit drugs and 15.4% reported recent international travel [Figure 2].

Data Source: California Reportable Disease Information Exchange (CalREDIE)

Notes: Data are provisional. Counts may be influenced by surveillance artifacts and outbreaks. Cases are classified according to the most recent case definitions as published by the Centers for Disease Control and Prevention or the Council of State and Territorial Epidemiologists. Case definitions were updated for the following diseases in the year indicated: *Haemophilus influenzae* (2015), meningococcal disease (2015).

Table 1. Number of Cases with Vaccine-Preventable Diseases (VPDs), Sacramento County, 2014-2018

Disease	2014	2015	2016	2017	2018
Chickenpox (Varicella), Hospitalizations/Deaths¹	1	2	5	4	4
Diphtheria²	0	0	0	0	0
<i>Haemophilus influenzae</i>^{3*}	1	3	2	3	1
Hepatitis A¹	3	3	12	10	13
Hepatitis B, Acute Infection¹	0	3	9	5	3
Measles¹	0	0	0	0	1
Meningococcal Disease²	3	2	7	5	1
Mumps²	1	0	2	10	3
Pertussis³	452	286	69	67	95
Polio¹	0	0	0	0	0
Rubella¹	0	0	0	0	0

¹Includes confirmed cases

²Includes confirmed and probable cases

³Includes confirmed, probable, and suspect cases

*Includes cases <5 years old starting 2016

Figure 1. Number of Pertussis Cases by Month and Year, Sacramento County, 2014-2018

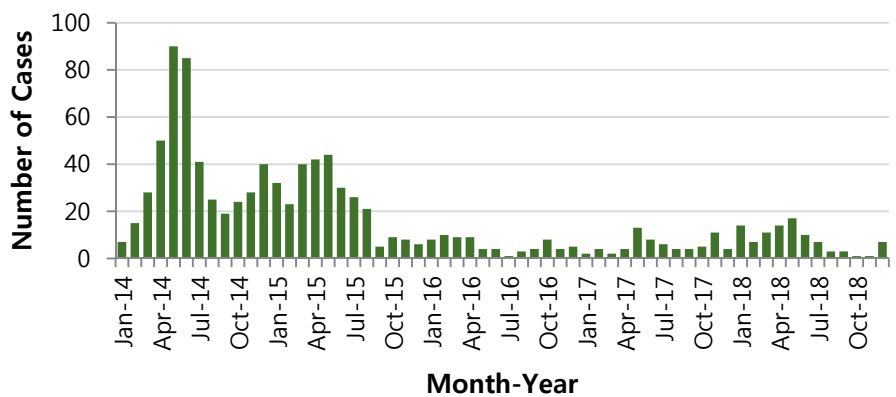


Figure 2. Number of Hepatitis A Cases by Risk Factor, Sacramento County, 2018

