VACCINE-PREVENTABLE DISEASES FACT SHEET
SACRAMENTO COUNTY 2023

Vaccine-preventable diseases (VPDs) are diseases for which vaccines exist to provide protection against the disease. Vaccination protects the person receiving the vaccine and helps keep the disease from spreading to others in the community. This report provides statistics on VPDs reported in Sacramento County for the years 2019 through 2023.

The number of vaccine-preventable disease (VPD) cases reported in Sacramento County for the years 2019 through 2023 is shown in Table 1. The number of VPD cases continued to be lower in 2023 compared to 2019 for diseases reportable in both years, excluding pertussis which generally increases every three to five years. In 2023, no cases of *Haemophilus influenzae* among children less than five, measles, or mumps were reported compared to 2019 and only one case of meningococcal disease was reported.

Compared to the first year of the pandemic in 2020, COVID-19 cases increased 68.7% in 2021 and 204.3% in 2022 before finally decreasing 56.5% in 2023. This decrease is likely due to the availability of vaccines, treatment, and at-home tests that are excluded from case counts. Overall, the highest case rates were generally among American Indian and Alaskan Natives followed by Native Hawaiian Pacific Islanders [Figure 1]. Death rates have remained the highest among the eldest population (70 years and older) with the lowest among children and young adults (less than 35 years old) [data not shown].

In 2023, five cases of pertussis were reported among children less than five years old, and nine cases were reported among persons five years and older. However, the case rate for children less than five was nine times higher [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.

Table 1. Number of Vaccine-Preventable Disease Cases Reported to Public Health, Sacramento County, 2019-2023

Disease	2019	2020	2021	2022	2023
Chickenpox (Varicella), Hospitalizations and Deaths[1]	2	2	0	1	2
COVID-19[2]	--	70,644	119,207	214,965	30,723
***Haemophilus influenzae*, less than 5 years old[3]**	2	0	1	7	0
Hepatitis A[1]	5	4	4	4	4
Hepatitis B, Acute Infection[1]	3	0	1	0	3
Measles[1, 2(2019)]	3	0	0	0	0
Meningococcal Disease[2]	5	0	0	0	1
Monkeypox[2]	--	--	--	145	11
Mumps[2, 1(2018)]	1	0	0	0	0
Pertussis[3, 2(2020)]	115	43	9	10	14

[1]Includes confirmed cases
[2]Includes confirmed and probable cases
[3]Includes confirmed, probable, and suspect cases

Year indicates when inclusion criteria for case counts changed and applies to the year indicated and subsequent years unless otherwise indicated.

Figure 1. COVID-19 Case Rates by Race/Ethnicity, Sacramento County, 2020-2023

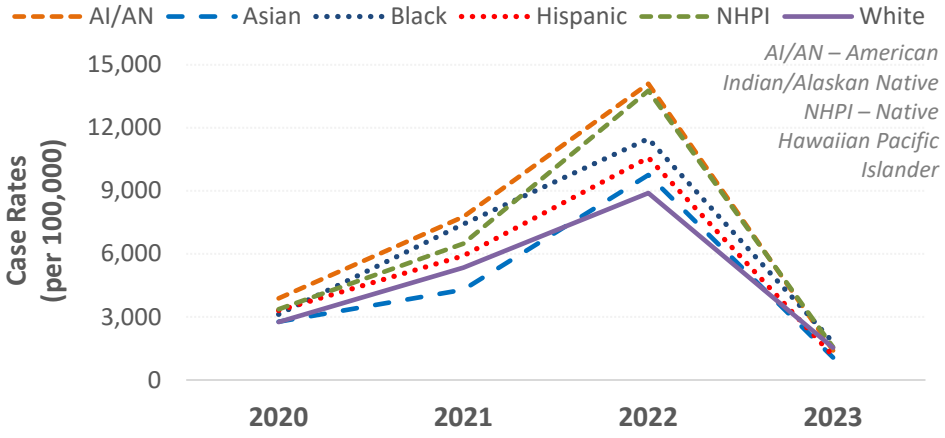
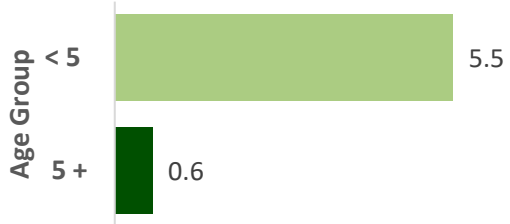


Figure 2. Pertussis Case Rates by Age Group, Sacramento County, 2023



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