



BUREAU OF EPIDEMIOLOGY

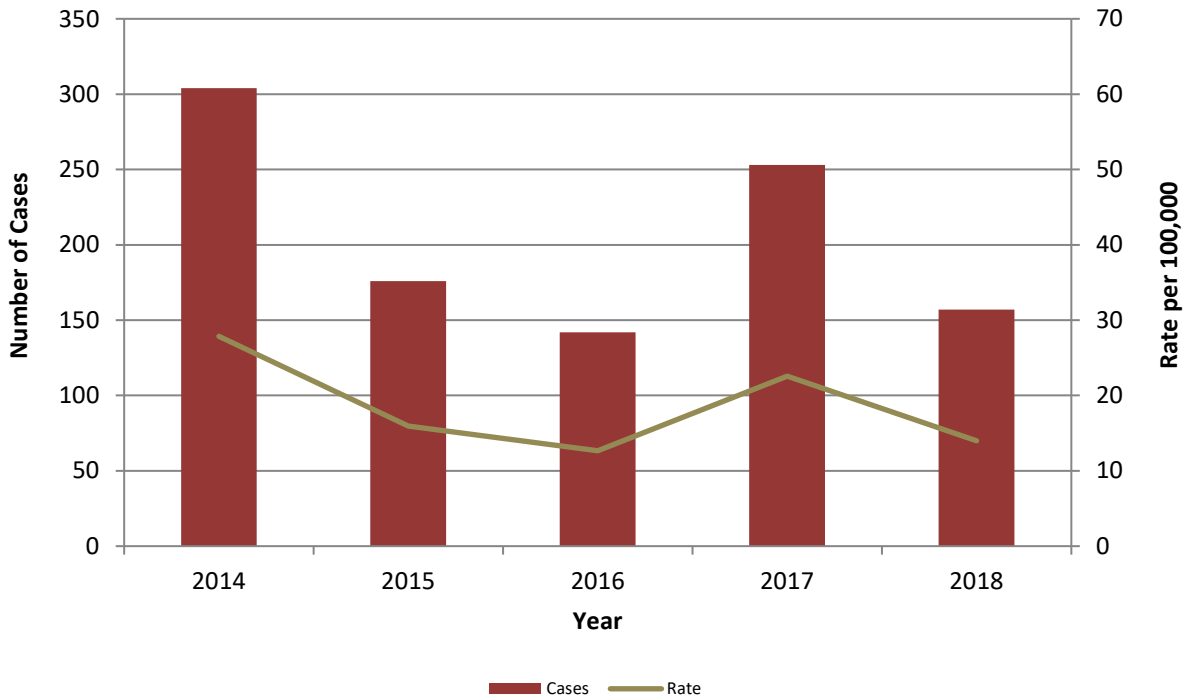
Salt Lake County Monthly Pertussis Report

December 2018

- 157 cases year to date
- 6 hospitalizations
- 0 deaths

Figure 1

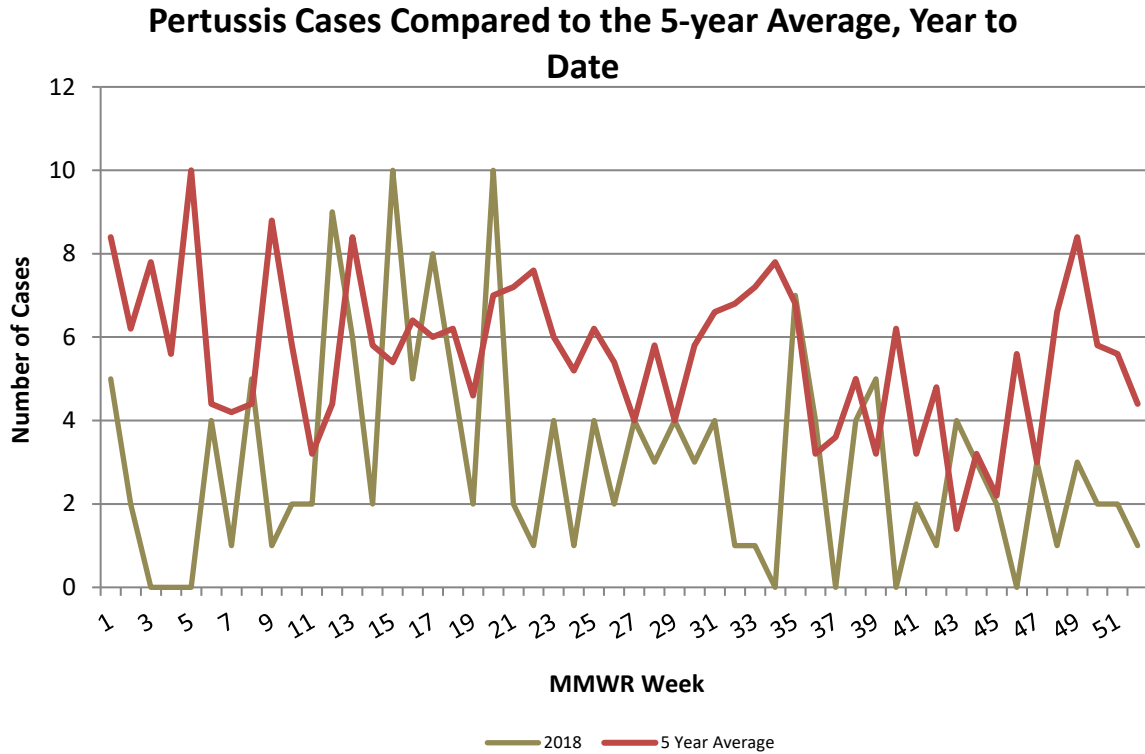
**Pertussis Five Season Comparison
Salt Lake County, 2014-2018 YTD**



*Population data from IBIS-PH: <http://ibis.health.utah.gov>

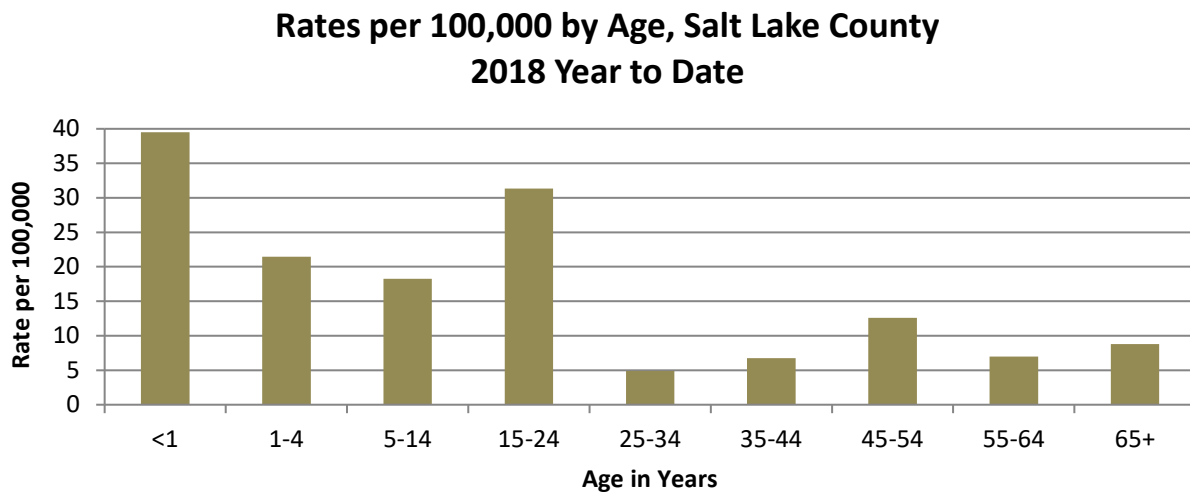
When compared to the five-year average, 2018 pertussis cases follow a different seasonal trend. See figure 2.

Figure 2



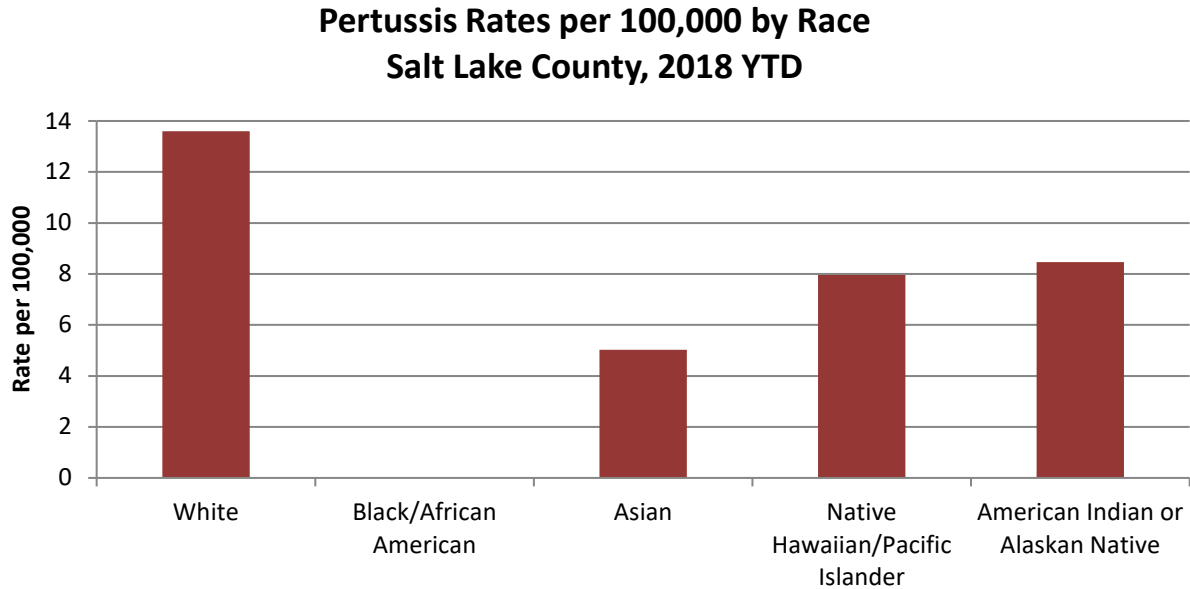
The highest rate for pertussis is in the <1 year of age group, with a rate of 40 per 100,000. See figure 3.

Figure 3



The highest rate for pertussis is among the White population at 14 per 100,000. (Rates for ethnicity show 11 per 100,000 among Hispanics and 14 per 100,000 among non-Hispanics). See figure 4.

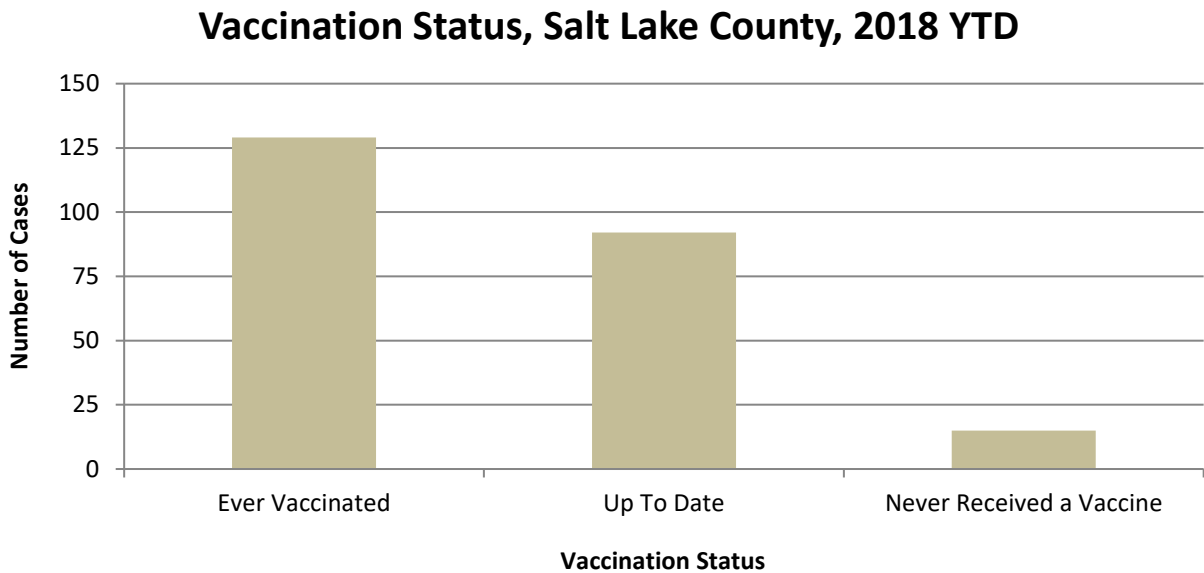
Figure 4



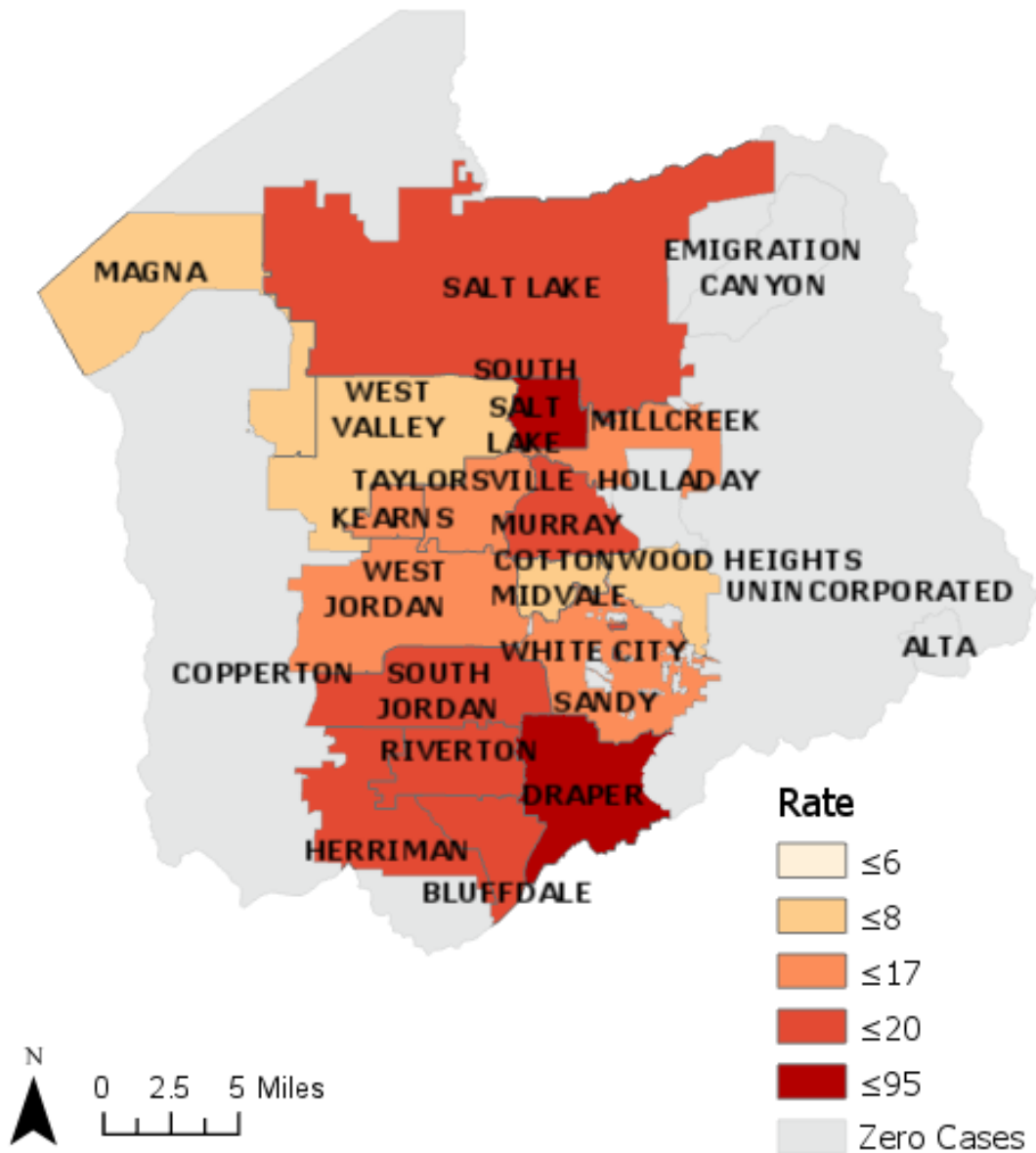
*Population data from IBIS-PH: <http://ibis.health.utah.gov>

Among the 157 pertussis cases, 137 have been vaccinated. Ninety-nine (72%) of the 137 cases reported having an up to date vaccination status. See figure 5.

Figure 5



Pertussis Rates* (per 100,000) in Salt Lake County, 2018 YTD



*Rate for Unincorporated areas of Salt Lake County is 16.3-not shown on map

*Rates calculated using American Community Survey (ACS) 2016 5-year population estimates, except Census Designated Places (Copperton, Emigration Canyon, Kearns, Magna, Millcreek, White City; ACS 2015) and unincorporated Salt Lake County (Census 2010), U.S. Census Bureau.