



BUREAU OF EPIDEMIOLOGY

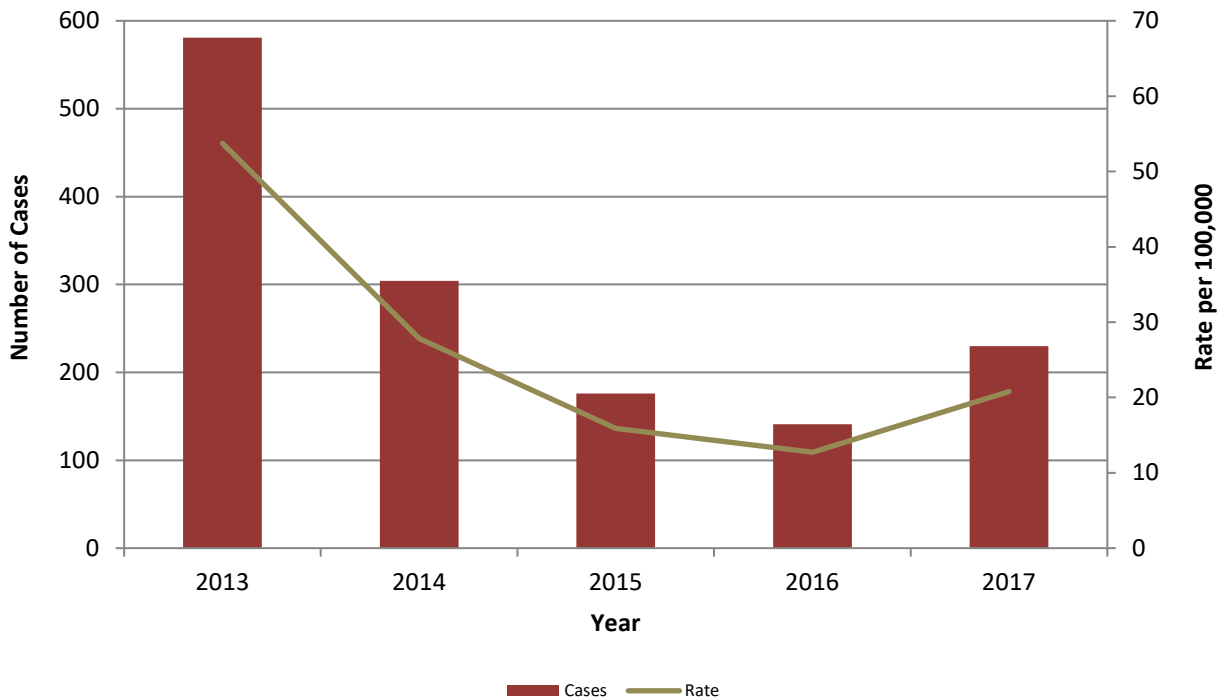
Salt Lake County Monthly Pertussis Report

December 2017

- 247 cases year to date
- 5 hospitalizations
- 0 deaths

Figure 1

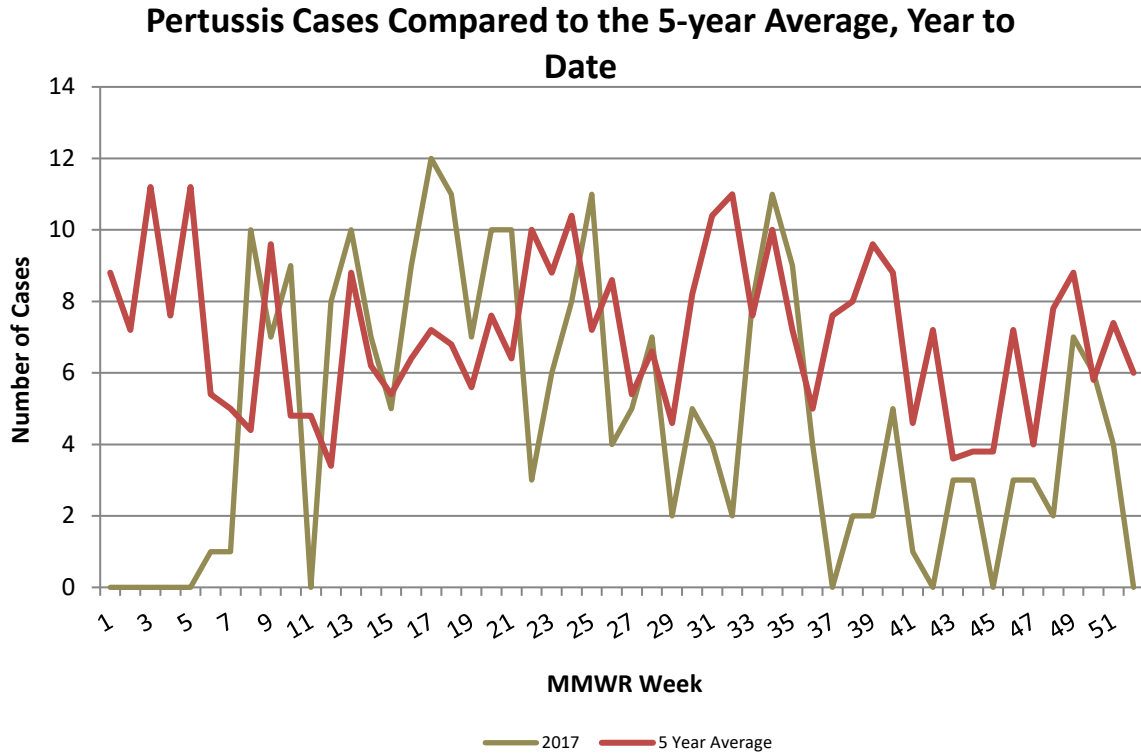
Pertussis Five Season Comparison Salt Lake County, 2013-2017 YTD



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

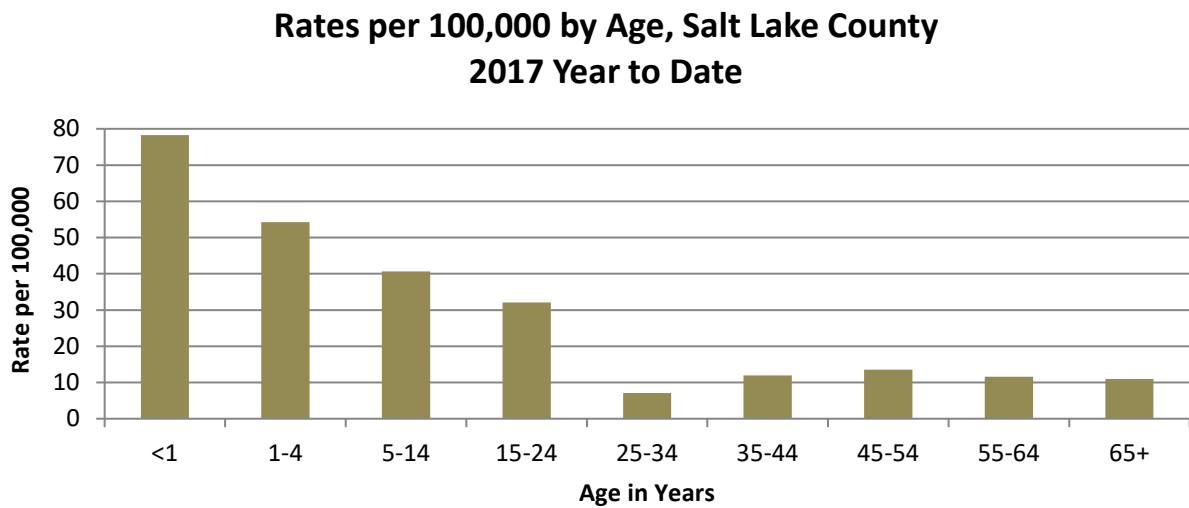
When compared to the five-year average, 2017 pertussis cases follow a different seasonal trend. See figure 2.

Figure 2



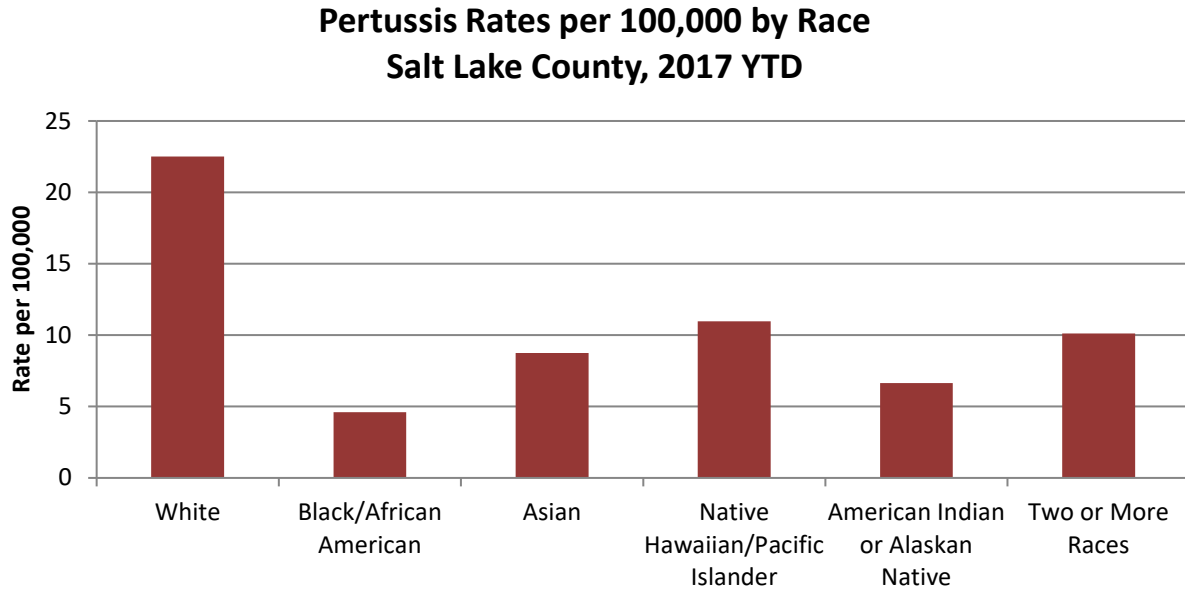
The highest rate for pertussis is among the <1 age group, with a rate of 78 per 100,000. See figure 3.

Figure 3



The highest rate for pertussis was in the White population at 23 per 100,000. (Rates for ethnicity show 18 per 100,000 among Hispanics and 22 per 100,000 among non-Hispanics). See figure 4.

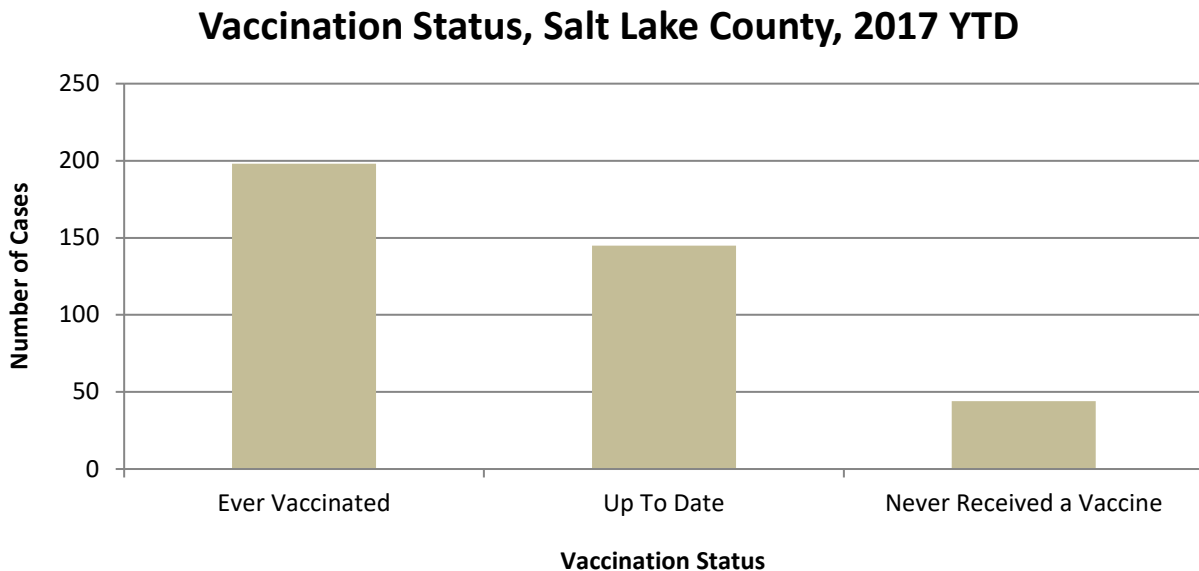
Figure 4



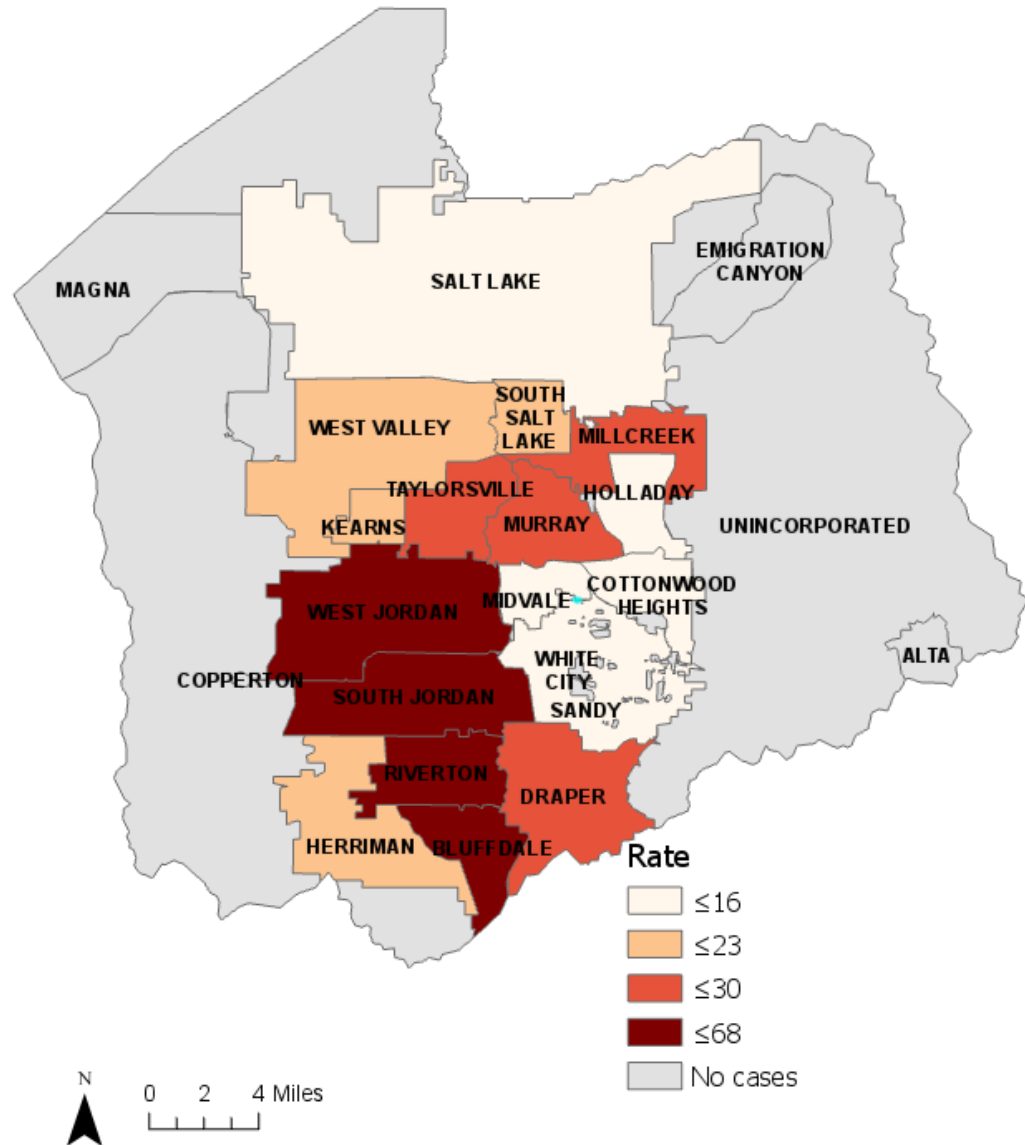
*Population data from IBIS-PH: <http://ibis.health.utah.gov>

Among the 247 pertussis cases, 198 cases have been vaccinated (80%). One hundred forty-five (59%) of the 247 cases reported having an up to date vaccination status. See figure 5.

Figure 5



Pertussis Rates* (per 100,000) in Salt Lake County, 2017 YTD



*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.