



BUREAU OF EPIDEMIOLOGY

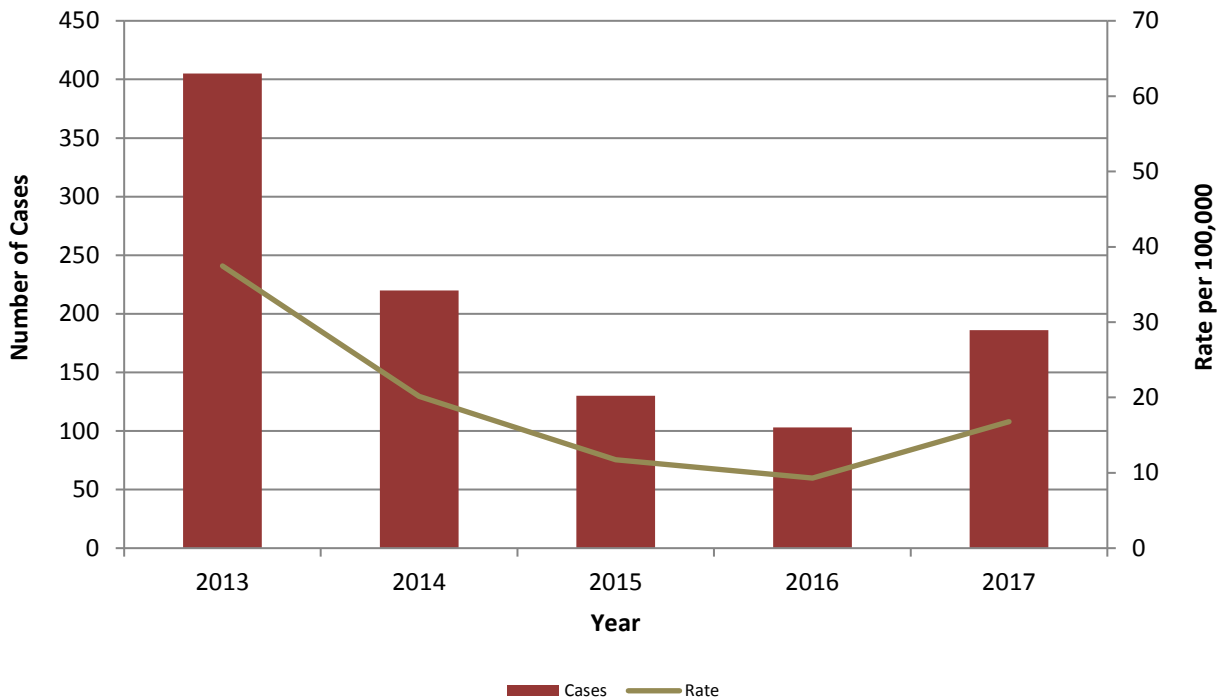
Salt Lake County Monthly Pertussis Report

August 2017

- 186 cases year to date
- 4 hospitalizations
- 0 deaths

Figure 1

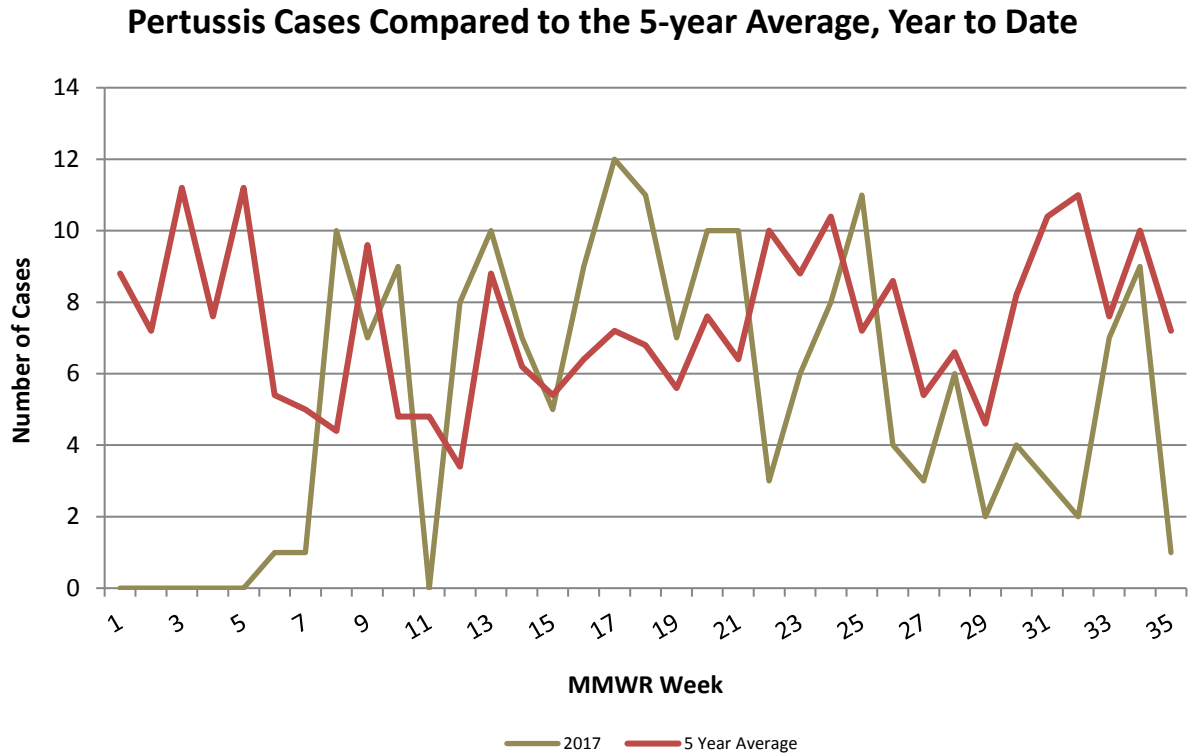
**Pertussis Five Season Comparison
Salt Lake County, 2013-2017 YTD**



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

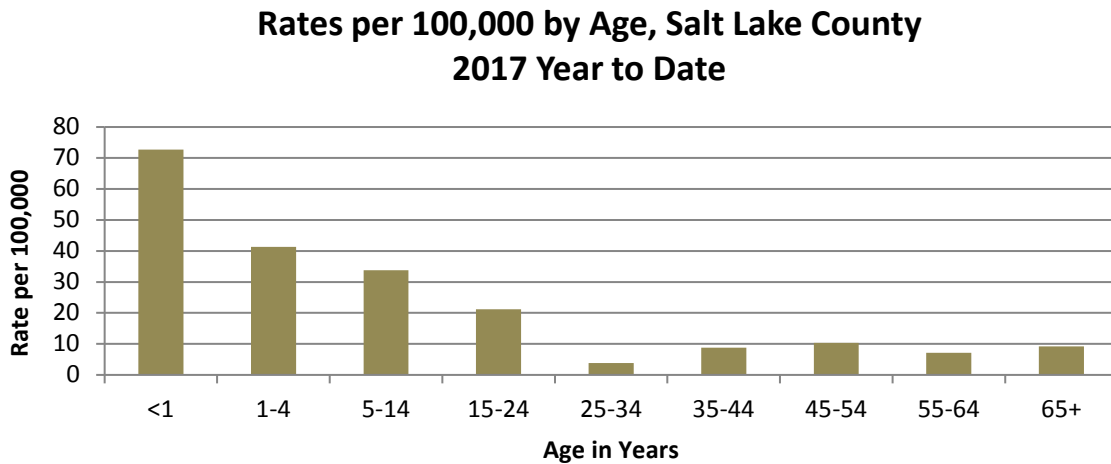
When compared to the five-year average, 2017 pertussis cases follow a different seasonal trend. See figure 2.

Figure 2



The highest rate for pertussis is among the <1 age group, with a rate of 73 per 100,000. See figure 3.

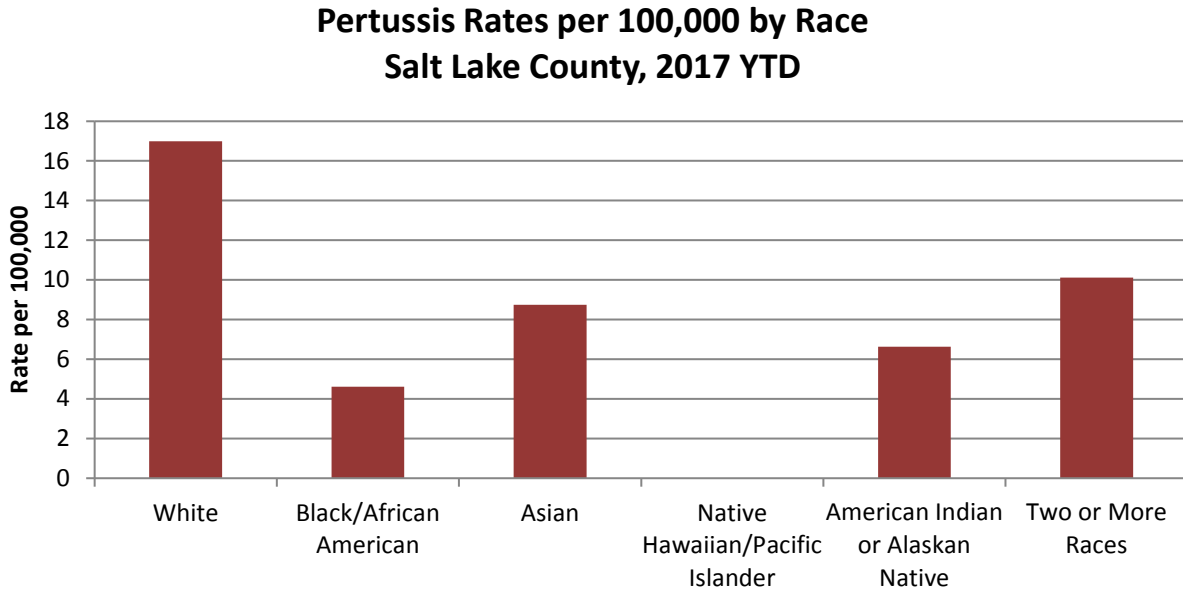
Figure 3



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

The highest rate for pertussis was in the White population at 17 per 100,000. (Rates for ethnicity show 11 per 100,000 among Hispanics and 17 per 100,000 among non-Hispanics). See figure 4.

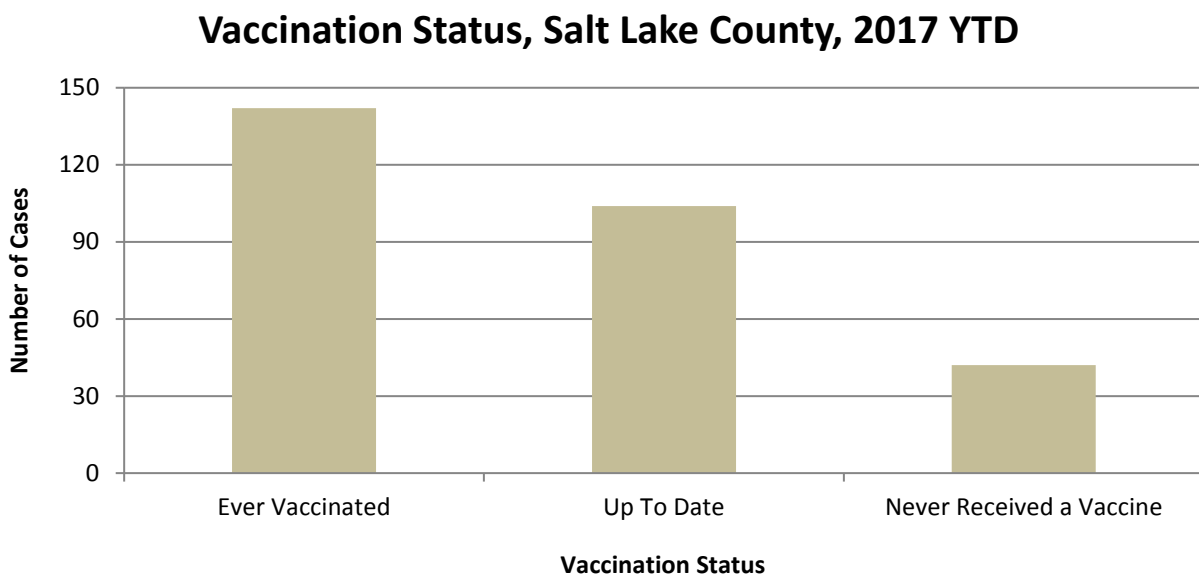
Figure 4



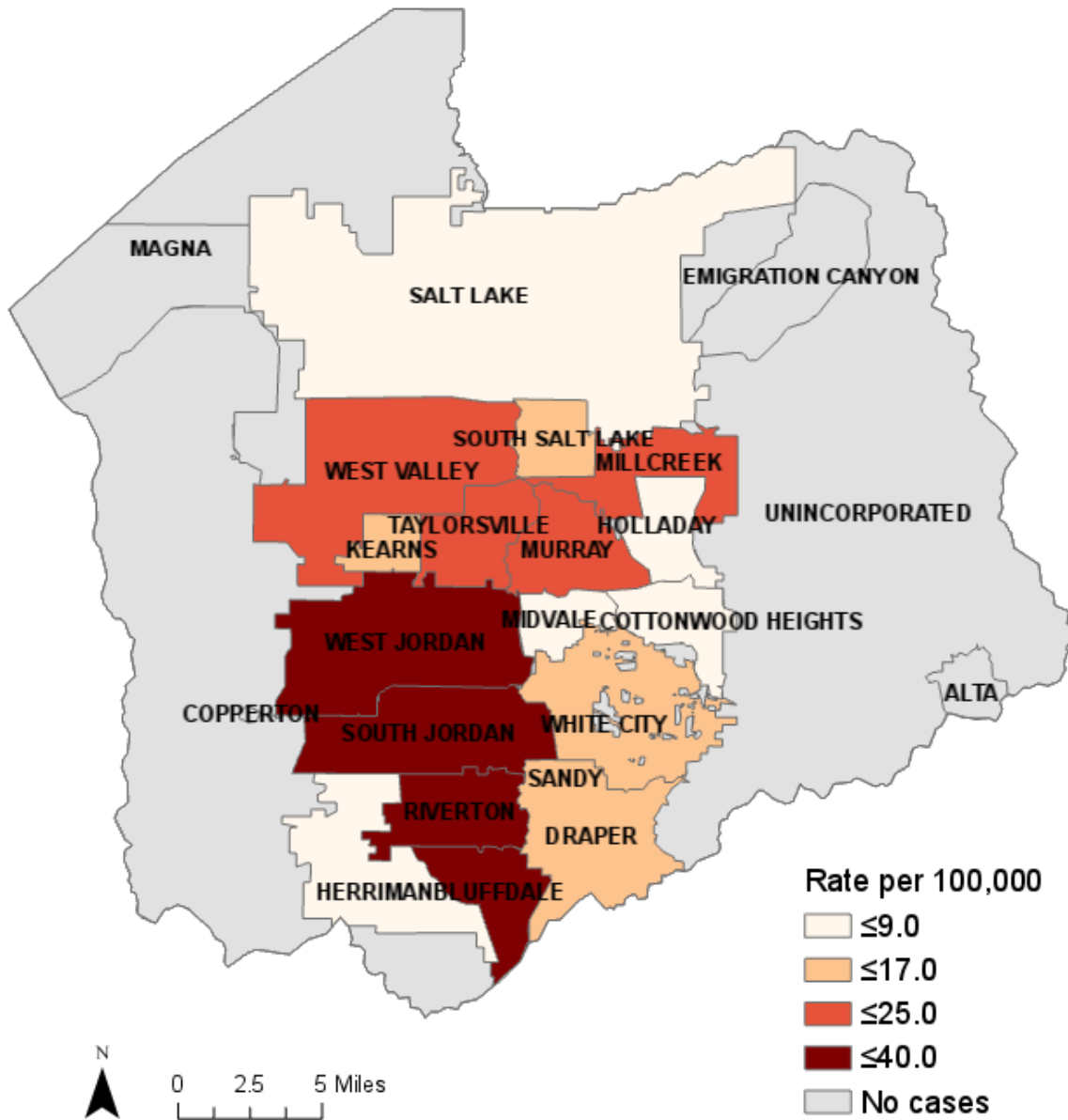
*Population data from IBIS-PH: <http://ibis.health.utah.gov>

Among the 186 pertussis cases, 142 cases have been vaccinated (76%). One hundred four (56%) of the 186 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.