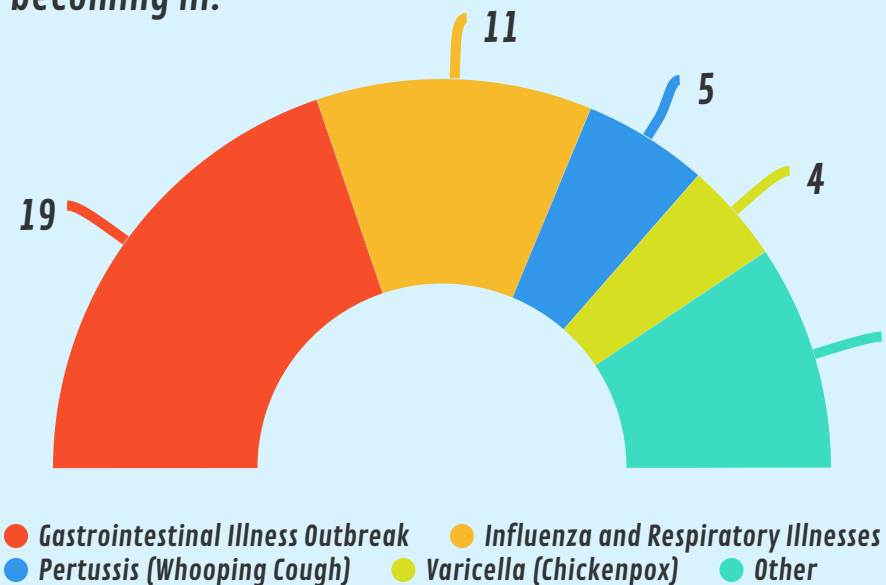




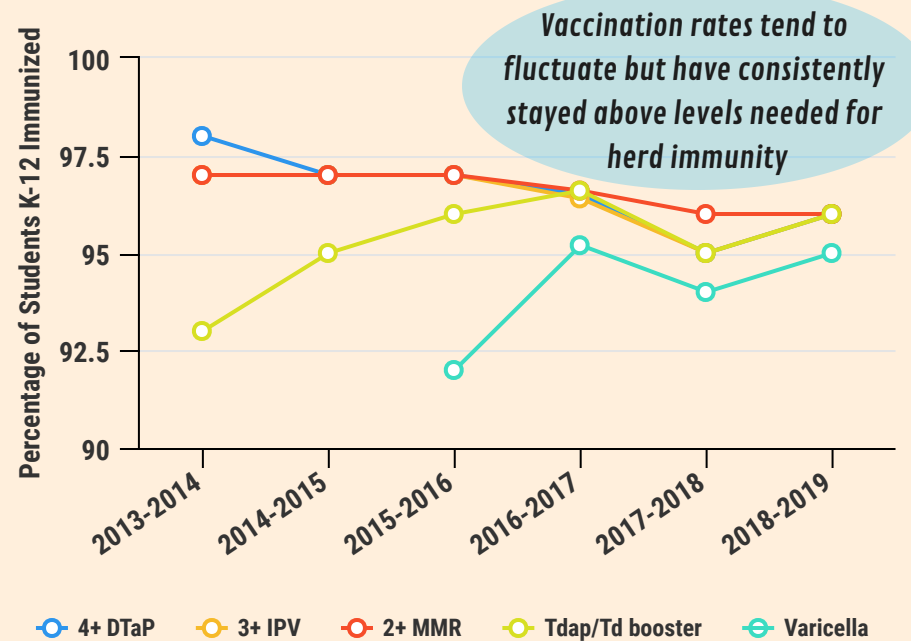
# Prevention of Disease Outbreaks in School Settings

## Montana School Outbreaks 2013-2018

48 Outbreaks were reported in schools during this period resulting in 1,126 students and staff members becoming ill.



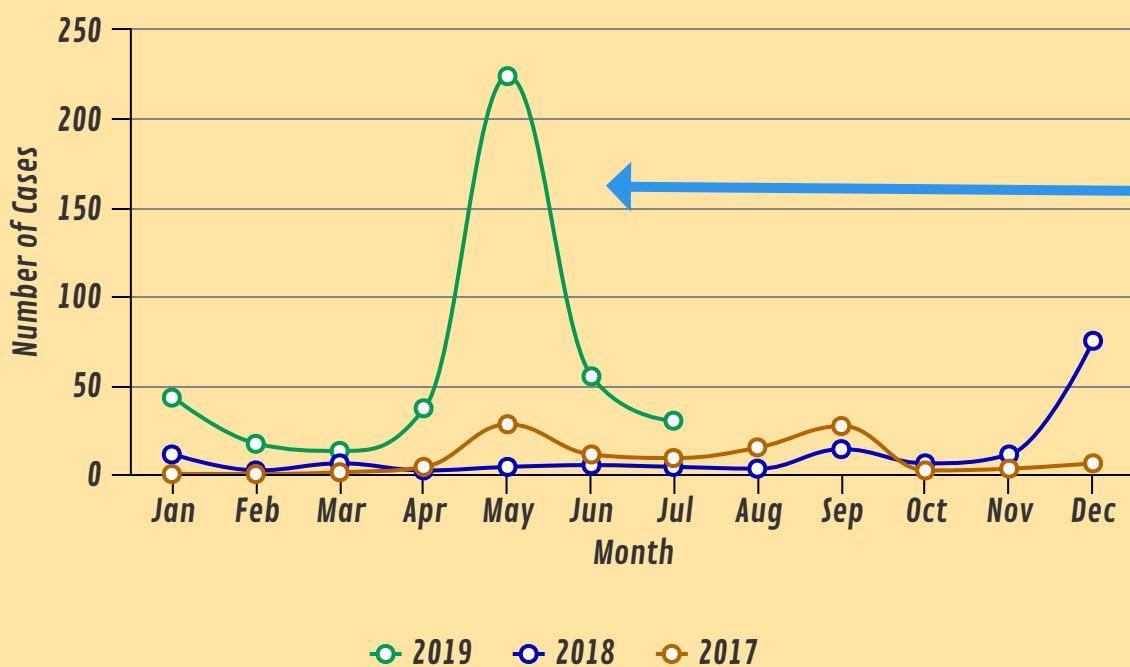
## School Vaccination Rates, MT 2013-2019 Academic Years



Vaccination rates tend to fluctuate but have consistently stayed above levels needed for herd immunity

2018-2019 School Immunization Assessment Results, MT DPHHS. During the 2015-16 academic year forward only students who received Tdap boosters are compliant (previously included Td). Varicella was added to school vaccination requirements at this time as well and includes verified history of disease.

## Pertussis Activity in Montana, 2017 to August 1st, 2019



- 442 Pertussis cases have been reported in 22 Montana counties so far in 2019.
- Missoula County experienced a large school-based pertussis outbreak starting in April of 2019. As of August 22, 2019, Missoula County has reported 165 cases of pertussis.



**Illness and Outbreak Prevention Tips**



According to CDC, illness in schools can be prevented by the following:

1. Students and staff should stay up to date with all immunizations including influenza.
2. Help stop the spread of germs by covering your cough, staying home when you are sick per school policy, and washing your hands.
3. Routinely disinfect surfaces and objects that are touched often, such as desks, countertops, doorknobs, keyboards, faucets, and phones.