



**MERCER COUNTY
CELINA CITY**
Health Department
PREVENT • PROMOTE • PROTECT



To: Media Release
Topic: Mumps update
From: Julie Shaffer, BSN RN, Director of Nursing
Deb Scheer, BSN RN, Epidemiologist

March 21, 2017

Mumps is a contagious disease caused by a virus. It spreads easily through coughing and sneezing. There is no treatment for mumps. Vaccination has been estimated at a median of 78% protection for one dose of MMR and a median of 88% for two doses of MMR. Vaccination is still the best protection against mumps. Anyone born after 1957, is encouraged to have at least one MMR. We encourage anyone who has unknown vaccine history to be vaccinated.

New Information:

Mercer County Health Department has reported a total of 25 cases of mumps since January 11, 2017. At this time, **8 cases have been confirmed mumps by PCR testing.** On January 27, 2017 a mumps outbreak was opened. On 3-2-17, ODH increased the outbreak to the Celina area. On 3-20-17, the Celina School Administration made the decision to exclude students with exemptions to MMR. This decision was based on consultation between the Ohio Department of Health and the Center for Disease Control, but remains the school's final decision to protect the students.

From January 1 to January 28, 2017, 27 states in the U.S. reported mumps infections in 495 people to CDC. Mumps is no longer very common in the United States. From year to year, mumps cases can range from roughly a couple hundred to a couple thousand. For example in 2016, there were 5,311 cases reported to CDC, and in 2012, there were 229. Before the U.S. mumps vaccination program started in 1967, about 186,000 cases were reported each year, but the actual number of cases was likely much higher due to underreporting. Since the pre-vaccine era, there has been a more than 99% decrease in mumps cases in the United States.

The following information is from the Ohio Administrative Code for infectious diseases.

Mumps:

Time of exposure until symptoms: is 12 to 25 days, usually 16 to 18 days

Symptoms: Fever, painful parotid gland (salivary gland located at the base of each ear), swelling under jaw and in front of ear, headache, chills, lack of appetite, abdomen pain.

Spread by: Direct contact with droplets from an infected person that are spread through sneezing, coughing or talking; the direct spray is less than three feet. The droplets can be inhaled by a susceptible person or can be rubbed into the eyes, nose and or mouth after touching contaminated objects or surfaces.

Able to be spread: Usually most infectious 1-2 days before parotitis (inflammation in one or both of the salivary glands inside each cheek) develops through 5 days after.

Exclusion: A person with mumps shall be isolated, including exclusion from school or child care center, for five days after the onset of parotid swelling.

Control: Encourage vaccination of all persons 12 months of age and older, unless contraindicated.