



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



To: Media Release

February 23, 2017

Topic: Mumps Update

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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% for one dose of MMR and a median of 88% for two doses of MMR. Vaccination is still the best protection against mumps.

According to the CDC, from January 1 to January 28, 2017, 27 states in the U.S. reported mumps infections in 495 people. 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.

On January 12, 2017 the Mercer County Celina City Health Department (MCCCHD) notified the area Healthcare Providers of 2 suspect cases of mumps. Surveillance for additional cases of suspect mumps has been ongoing with collaboration of the Hospital Infection Control Nurses at Mercer Health and Joint Township, and the area School Nurses with suspected cases. On February 21, 2017, MCCCHD reported 3 cases of confirmed Mumps by swab PCR testing in adults with unknown MMR history. We have no confirmed cases in children at this time. There have been several children with history of fever, ear pain, swelling in the glands around the ear. The children were not tested, or tested negative. There are currently several children pending testing results. The Ohio Department of Health is reporting the Mercer County Outbreak as well as 3 recently confirmed Mump cases at the University of Dayton.

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.

Board of Health Members CC: Diane Lefeld, Ted Bertke, Jim Moran, Julie Fleck, Timothy Barman DVM and Janet Gels