



# Mumps

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Johnson County Health Department

Amber Terhune, RN, BSN, Health Educator

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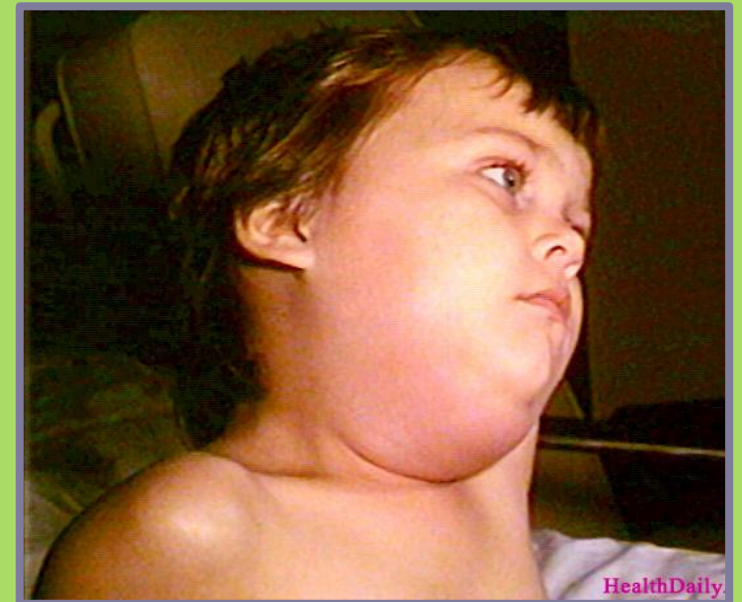
## 2 What it is

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– Contagious viral infection

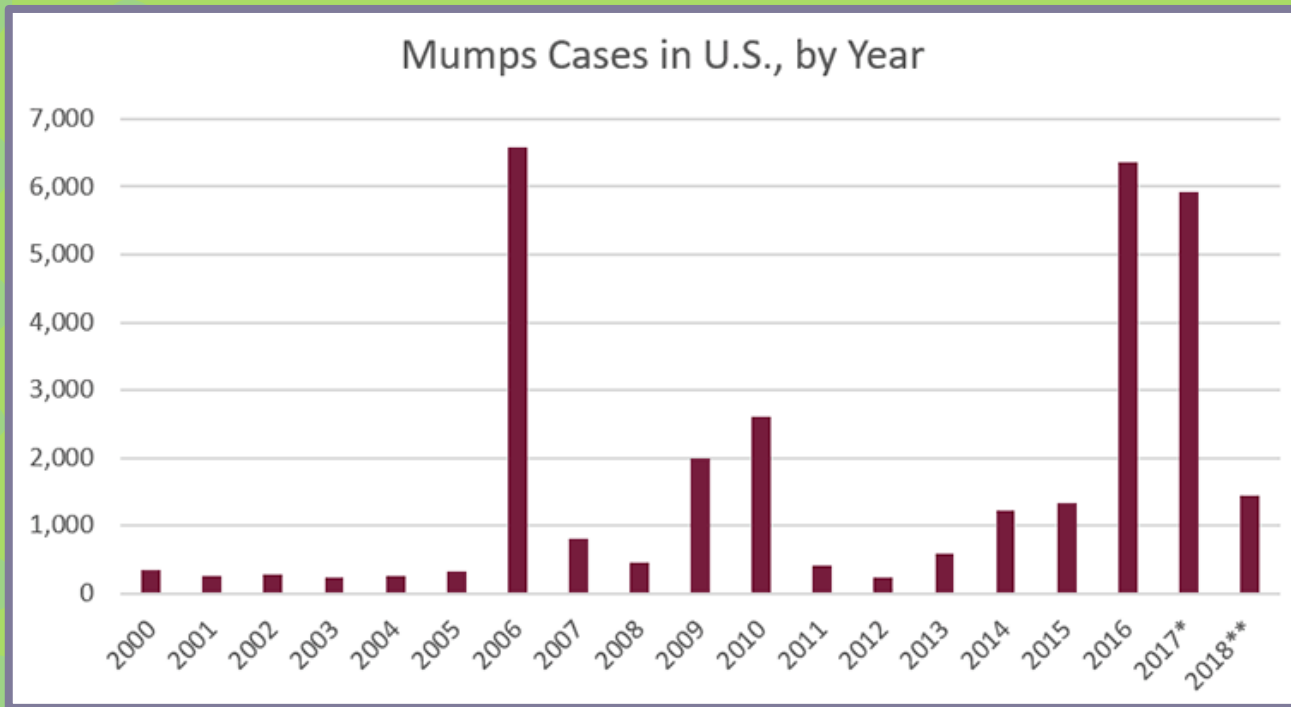


– Infectious parotitis



Health Daily Advice. *Mumps: Causes, Symptoms, Diagnosis, Treatment, Pathology*, 18 Nov. 2017.  
<https://www.healthdailyadvice.com/mumps/mumps-causes-symptoms-diagnosis-treatment-pathology/>

# 3 US Statistics



CDC. *Mumps Cases and Outbreaks*, 27 Jun. 2018. <https://www.cdc.gov/mumps/outbreaks.html>

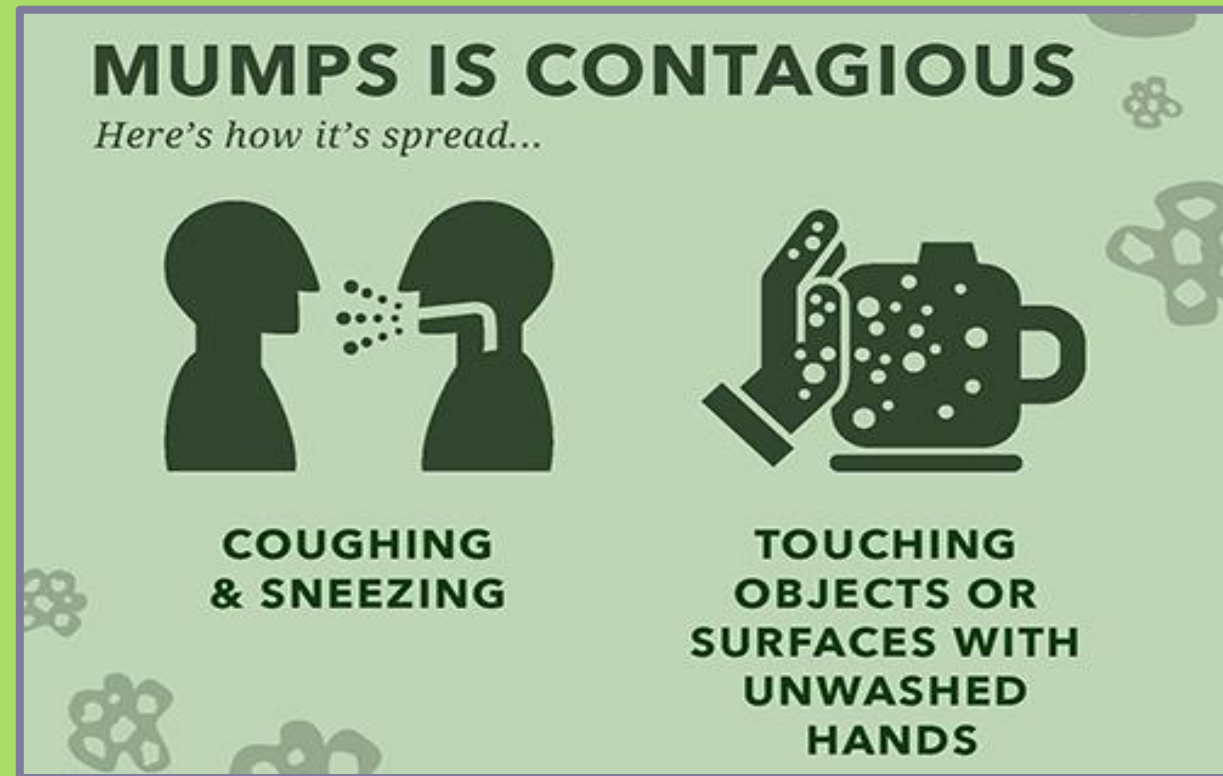
Annually before vaccine in 1967:

- ~ 186,000 reported cases
- Caused about 10% of all viral meningitis cases

More than 99% reduction since

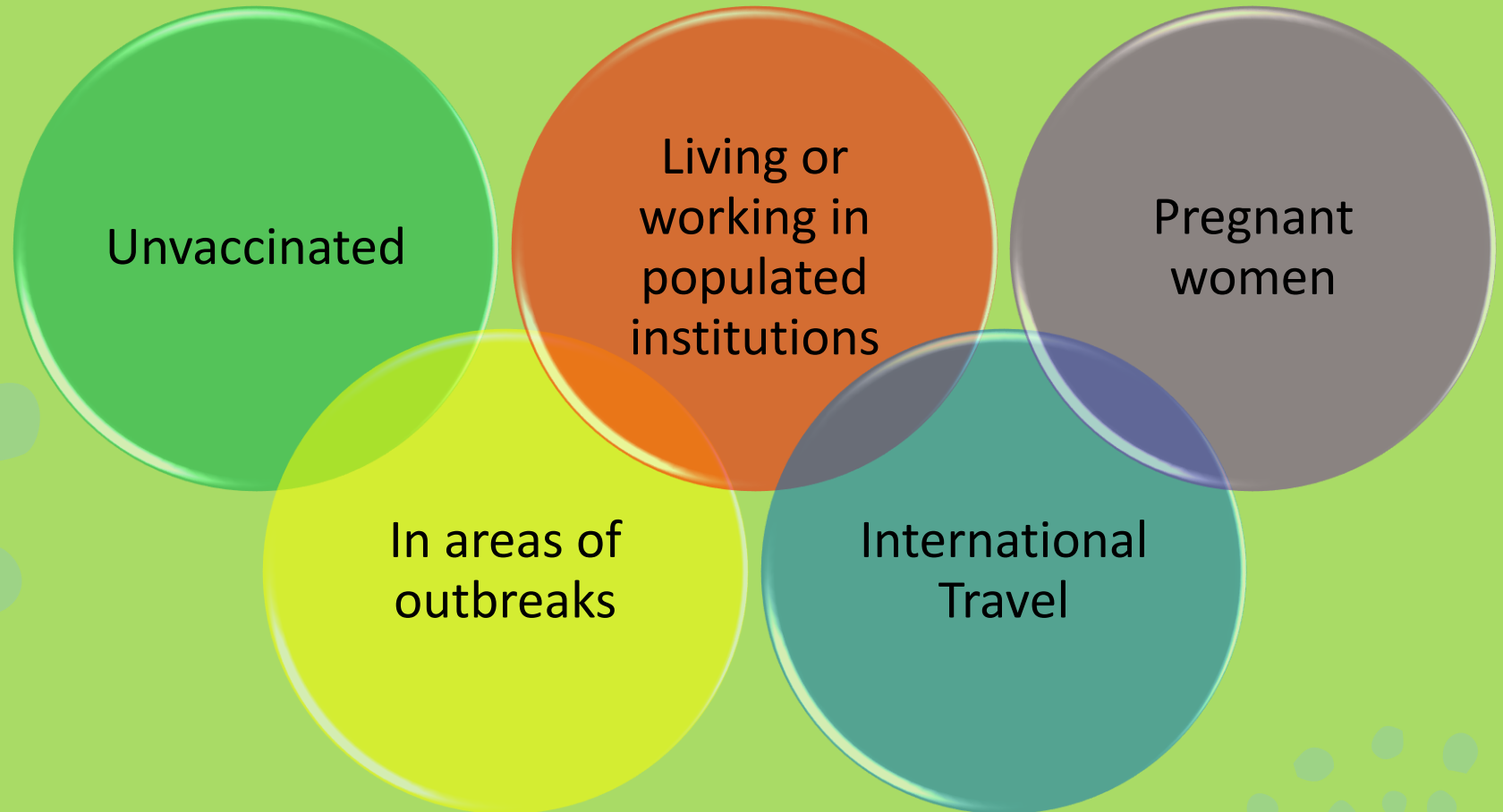
# 4 How it is Spread

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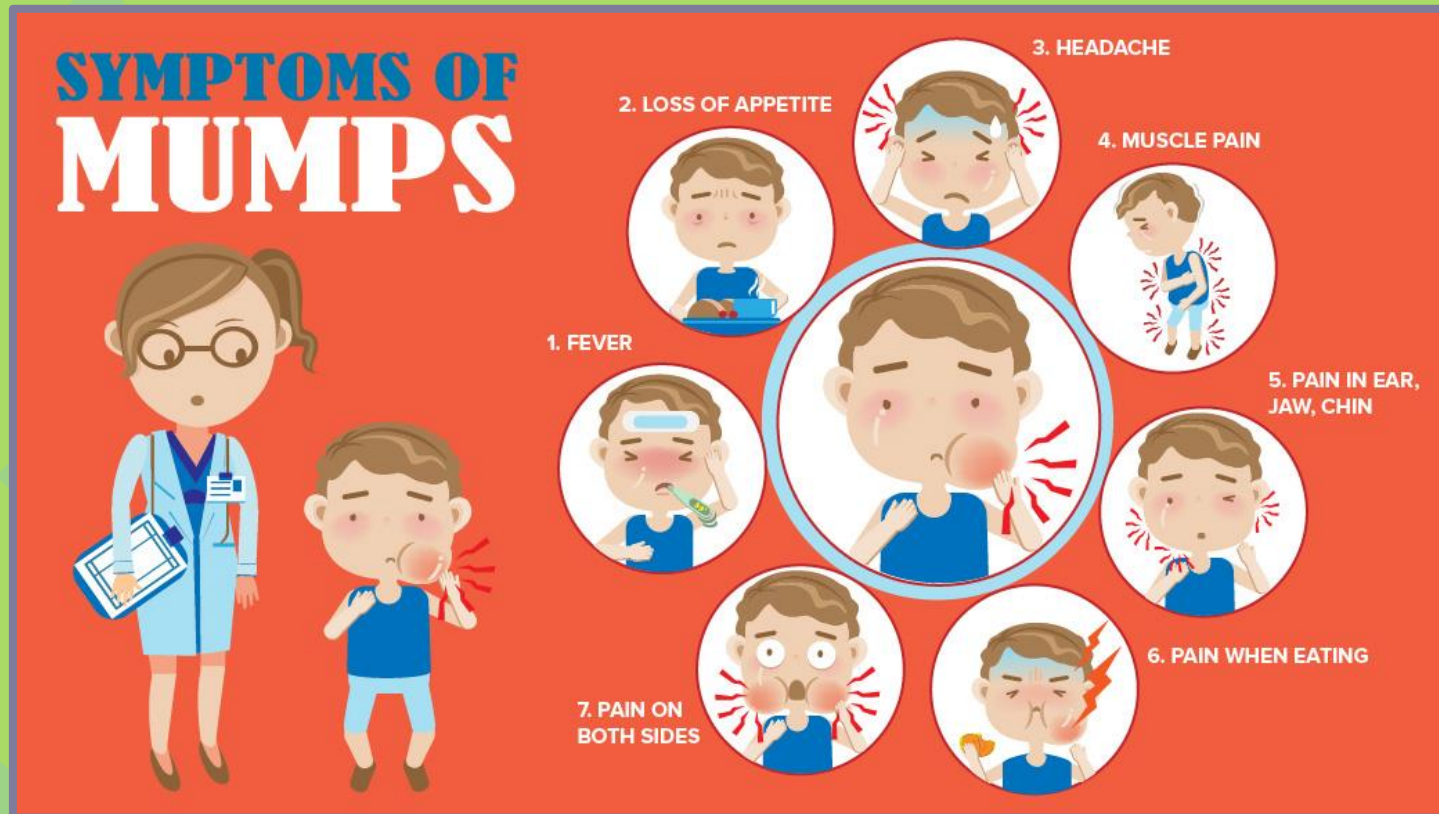


# 5 High Risk

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# 6 Symptoms



- Incubation period 16-18 days
- Most contagious 2 days before symptoms until 5 days after glands swell

Show Producer Marika. Kiss 917. *Mumps Outbreak Spread Across Edmonton- Free Vaccines Available*, 29 Mar. 2017.  
<https://www.kiss917.com/2017/03/29/56945/>

# 7 Diagnosing

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**buccal  
swab PRC**



**salivary  
culture**



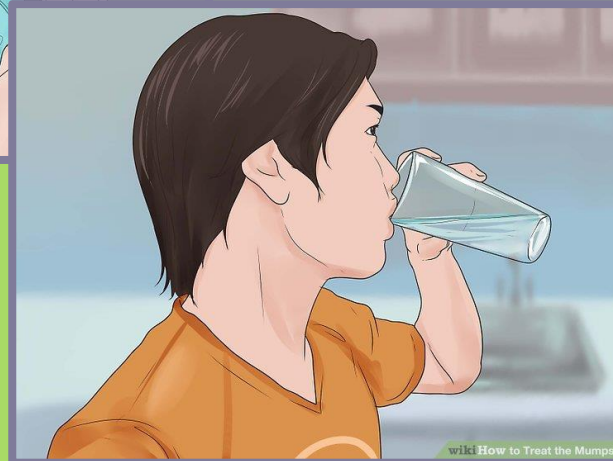
**antibody test**

Moawad, MD, Heidi. Very Well Health. *How Mumps is Diagnosed*, 16 Aug. 2018. <https://www.verywellhealth.com/how-mumps-is-diagnosed-4163814>

# 8 Treatment



WikiHow. *How to Treat Mumps*, n.d.  
<https://www.wikihow.com/Treat-the-Mumps>





# 9 Complications

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- Deafness
- Meningitis
- Orchitis
- Mastitis
- Oophoritis
- Encephalitis
- Pancreatitis
- Miscarriage
- Death



Flick River. *Photos: Complications of Mumps*, 6 Jan. 2004.  
<http://www.flickriver.com/photos/blenblen/tags/disease/>

# 10 When to See a Doctor

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- Exposed to mumps and susceptible
- Develop severe symptoms

Mersch, MD, John. Medicine Net. *Mumps (Parotitis) Facts*, n.d.  
[https://www.medicinenet.com/mumps/article.htm#mumps\\_parotitis\\_facts](https://www.medicinenet.com/mumps/article.htm#mumps_parotitis_facts)

# 11 Prevention



**MMR VACCINATION IS THE BEST PROTECTION AGAINST MUMPS!**

## KEEP FROM SPREADING MUMPS



Don't share drinks or eating utensils



Cover your coughs and sneezes



Stay home when you are sick



Wash your hands often with soap and water



Clean and disinfect surfaces

# 12 References

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Alli, MD, Renee A. "What Are the Mumps?" *WebMD.com*, 6 Jan. 2017.

<https://www.webmd.com/children/vaccines/what-are-the-mumps>. Accessed 16 Aug. 2018.

Centers for Disease Control and Prevention. "Mumps." *CDC.gov*, 20 Nov. 2017. <https://www.cdc.gov/mumps/index.html>. Accessed 16 Aug. 2018.

Indiana State Department of Health. "Mumps (Infectious Parotitis)." *ISDH.IN.gov*, 21 Feb. 2017.

<https://www.in.gov/isdh/25450.htm>. Accessed 16 Aug. 2018.

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<https://www.healthline.com/health/mumps>. Accessed 16 Aug. 2018.

World Health Organization. "Mumps." *WHO.int*, 3 Nov. 2016. <http://www.who.int/immunization/diseases/mumps/en/>.

Accessed 16 Aug. 2018.