



## State of New Jersey

**DEPARTMENT OF HEALTH AND SENIOR SERVICES**  
CONSUMER, ENVIRONMENTAL AND OCCUPATIONAL HEALTH SERVICE  
PO BOX 369  
TRENTON, N.J. 08625-0369

CHRIS CHRISTIE  
*Governor*

[www.nj.gov/health](http://www.nj.gov/health)

KIM GUADAGNO  
*Lt. Governor*

POONAM ALAIGH, MD, MSHCPM, FACP  
*Acting Commissioner*

March 17, 2010

Dear Colleague:

The New Jersey Department of Health and Senior Services in collaboration with local health authorities and public health officials in numerous states in the Northeast, continues to investigate a multi-state mumps outbreak. To date, the total number of cases in CT, NJ, NY City, and NY State is now approaching 3,000. As of March 16, 2010, there are 280 confirmed and probable cases in NJ. The number of cases by county are as follows:

Ocean - 265  
Passaic - 6  
Essex - 3  
Bergen - 2  
Hudson - 2  
Monmouth - 2

Who is affected: The tradition-observant Orthodox Jewish populations from New York and New Jersey are primarily affected. This outbreak is also occurring among members of the same population in Israel. The New York State Department of Health (NYSDH) has also confirmed an outbreak of mumps at the State University of New York at Plattsburgh campus that began on February 23, 2010. Affected students had all received 2 doses of mumps-containing vaccine. No epidemiologic links to the multistate mumps outbreak in the Orthodox Jewish community have been identified. There are 3 confirmed cases and 2 suspected cases associated with this outbreak. Two of the affected students had epidemiologic links to each other.

NJDHSS has received an increasing number of reports of mumps in individuals with no links to the Orthodox Jewish community. Sustained transmission within non-Orthodox communities have not been documented within New Jersey at this time.

Evaluation of patients with clinically compatible illness: NJDHSS requests that providers within NJ obtain buccal swabs for viral culture from vaccinated individuals with clinically compatible illness. A single serologic test for mumps antibody is difficult to interpret in individuals who have been vaccinated although comparison of acute and convalescent antibody titers may be helpful.

Why mumps transmission is a concern at this time: The beginning of Passover (March 29th through April 6th), the Easter holiday (April 4th) and school spring breaks may offer further opportunities for mumps transmission as people travel and gather for the holidays.

#### Recommendations for Providers:

- Healthcare providers with patients in any community affected by a mumps outbreak should ensure that these patients, including both children and adults, are up to date with measles-mumps-rubella (MMR) vaccine. The second dose of MMR vaccine for children may be administered as early as 28 days following the first dose.
- Healthcare providers may consider offering a second dose of MMR vaccine to adults who have received one dose.

- Healthcare providers who have contact with individuals affected by the outbreak should ensure that they themselves and ALL staff are immune to mumps in accordance with ACIP recommendations <http://www.cdc.gov/vaccines/recs/provisional/downloads/mmr-evidence-immunity-Aug2009-508.pdf> or receive two doses of MMR vaccine.
- Persons with suspected mumps should be isolated for 5 days after onset of parotitis and, if they visit a health-care setting, droplet precautions should be initiated immediately.
- Any suspected mumps case should be reported to the health department in the area where the case-patient resides.

Resources for Providers:

New Jersey Department of Health and Senior Services

[http://www.nj.gov/health/cd/mumps\\_outbreak.shtml](http://www.nj.gov/health/cd/mumps_outbreak.shtml)

Attachments:

Flyer for the Orthodox Community regarding travel for Pesach (Passover) with NJDHSS logo-you may add your logo and contact information to the document. This document was developed in conjunction with the Ocean County Health Department.

Universal mumps travel template without NJDHSS logo that can be edited and adapted to your specific needs.

Directory of local health departments in NJ

<http://www.state.nj.us/health/lh/directory/lhdselectcounty.shtml>

Vaccine Information Statement

Hebrew: **\*\*CORRECTION\*\*** YIDDISH: [http://www.nyc.gov/html/doh/downloads/pdf/imm/mumps\\_vis-yi.pdf](http://www.nyc.gov/html/doh/downloads/pdf/imm/mumps_vis-yi.pdf)

English: <http://www.cdc.gov/vaccines/pubs/vis/default.htm#mmr>

Resources (fact sheets on mumps and the outbreak) for Patients:

<http://www.cdc.gov/mumps/about/downloads/mumps-factsheet.pdf>

<http://www.cdc.gov/mumps/outbreaks/outbreak-patient-qa.html>

Radio PSA (free for download): <http://www2c.cdc.gov/podcasts/player.asp?f=805169>

For Additional Information:

For more information on MMR vaccines, visit: <http://www.cdc.gov/vaccines/vpd-vac/mumps>

More information about mumps can be found at <http://www.cdc.gov/mumps>

For the latest information about this outbreak, go to <http://www.cdc.gov/mumps/outbreaks.html>

For background, please refer to the following articles:

- Update: Mumps Outbreak - New York and New Jersey, June 2009-January 2010  
MMWR Vol 59, No 5:February 12, 2010
- Mumps Outbreak -- New York, New Jersey, Quebec, 2009  
MMWR Vol 57, No 58(Dispatch):1-4 November 12, 2009

Respectfully,



Barbara Montana, MD, MPH, FACP  
Medical Director, Communicable Disease Service