


Syracuse University Onondaga County



2017 Mumps Outbreak

Discussion Leaders

Joseph Hernon
 Director of Emergency Management and Business Continuity
 Division of Campus Safety and Emergency Services
 Syracuse University

Bobbi Alcock
 Program Assistant, Public Health Preparedness |
 Coordinator, CNY Medical Reserve Corps
 Onondaga County Health Department

Discussion Points

- Outbreak - Immediate Actions
- Incident Management Working Group
- NIMS Process
- Standing Objectives
- Points of Distribution
- Questions

Outbreak - Immediate Actions

- Early fall semester - first case presented
- A cross-functional team from across the University has been working swiftly and deliberately around the clock to contain the spread of this disease since the beginning of semester
- Onondaga County declared an "outbreak" of the mumps at Syracuse University on September 22, 2017

Outbreak - Immediate Actions

- Key actions and preventative measure we took immediately and continue today:
 - ISOLATION:
 - Any student suspected of having mumps was immediately isolated.
 - Anyone who came in contact with these students was notified and their rooms, places they frequented were cleaned.
 - Anyone suspected of having mumps is placed in isolation out of an abundance of caution.
 - EDUCATION:
 - Launching an aggressive outreach campaign (5-thousand print and digital signs, email and text blasts, automated phone calls and proactive media outreach.)
 - SANITATION:
 - We have taken significant measures in place to clean and sanitize our campus. We have purchased special machines.

National Incident Management System (NIMS) structure:

- Policy Group - Chancellor's Executive Team - Policy and Oversight
- Incident Command
 - Communications / Public Information - Staff Function
 - Planning - Staff Function
- Operations Branch
 - Health Services and Student Assistance
 - Athletics
 - Academics
 - Human Resources
- Logistics Branch
 - Auxiliary Services
 - Physical Plant
- Finance Branch
 - Budget and Planning

NIMS Process

- Team organized and structured
- Standing objectives established
- Quality Assurance - Epidemiology expert consultant
- Daily working group morning briefing 8:30 AM - daily goals / action items
- Data and accomplishments updated 2:00 PM daily for situation report (SITREP)
- SITREP shared with Incident Management Working Group and Executive Team / Policy Group 5:00 PM daily
- Daily policy group afternoon briefing
- Continues until outbreak has ended

Daily Situation Reports (SITREP)

Category	Count	Percentage
1. Daily Situation Report Summary	1	100%
2. Daily Situation Report Details	1	100%
3. Daily Situation Report Data	1	100%
4. Daily Situation Report Comments	1	100%

Standing Objectives

1. Infectious disease control
 - a. Effective treatment and isolation
 - b. Effective communication and messaging
 - i. Students
 - ii. Faculty and Staff
 - c. Effective decontamination and cleaning

Standing Objectives

2. Managing reputational risks
 - a. Appropriate responses to student and parent concerns
 - i. Managing infected students through release from isolation
 - ii. Managing waiver students through return to campus
 - iii. Communicating with non-infected students. Responding to questions and minimizing likelihood of contagion
 - b. Effective communication to the public regarding efforts taken in reducing the spread of the disease and efforts taken to support impacted students
 - c. Effective coordination between, and communication with, Syracuse University Athletics and the ACC
 - d. Effectively communicating with the county and other government leaders

Standing Objectives

- 3. Quality Assurance in response, treatment and prevention efforts
- 4. Effectively managing financial risk and finances associated with response
- 5. Minimizing impact of risks to daily University operation

Partnership with Onondaga County Health Department

Entered into Closed POD agreement in 2012

Attended Mass Prophylaxis Workshop, drafted POD Plan in 2013

Held first POD Exercise in 2014, then annually since

The Mumps PODs were a Syracuse University operation with support by OCHD and NYSDOH

The Decision to offer 3rd MMR - Points of Distribution

- Long standing memorandum of understand between Syracuse university and Onondaga County for Point of Distribution (POD) plan
 - Syracuse University would be self sufficient in a community wide outbreak
 - Annual POD drill during flu vaccination process
- Decision to implement POD for SU mumps outbreak
 - CDC guidelines followed
 - Athletic population as test group
 - Multiple POD dates and times
- New York State, Onondaga County, Syracuse University partnership

Use of Countermeasure Data Management System (CDMS)

Positives:

- Chose to use CDMS to eliminate data entry for 4,000+ records
- Could completely set up event management within a couple hours
- Students pre-registered including answering screening questions
- Made time students were at POD significantly shorter
- Could provide training as JIT for users, with follow-up support

Use of Countermeasure Data Management System (CDMS)

Lessons Learned:

- It takes time to get a large group user IDs, plan ahead
- Have back up paper forms
- Provide proof of vaccination (simple form)
- When setting up event management, consider each POD as a separate event (especially if many "users" and several vaccine lot numbers)

POD Operations



Current Status

As of Wednesday February 7th, 2018 Exclusion Date: 1/6/2018

All outbreak Associated Cases:

- 56 Confirmed Cases
- 94 Probable Cases

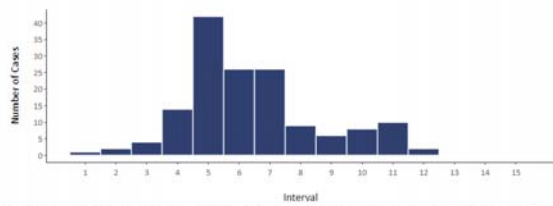
Includes 2 Confirmed and 3 Probable Cases in persons who are neither Syracuse University students, not faculty/staff members

Syracuse University Students/Staff:

- 54 Confirmed Cases
- 91 Probable Cases (2 are staff)

Source: New York State Department of Health

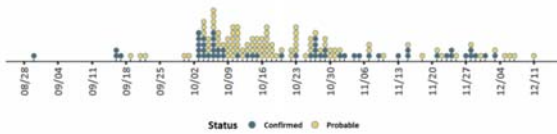
Epi-Curve - Confirmed and Probable Cases



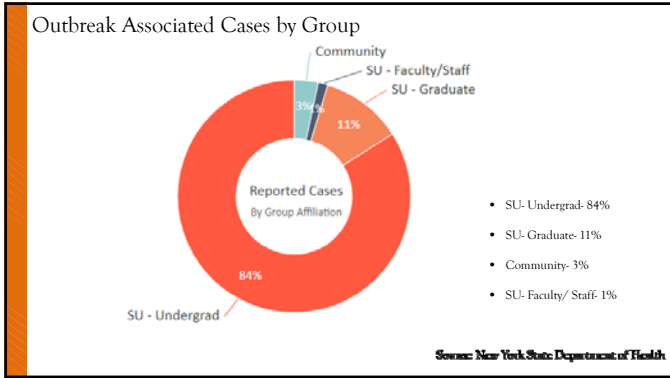
By symptom onset date. Cases grouped by intervals of 1/2 average incubation period (9 days). Case counts are preliminary and highly subject to change

Source: New York State Department of Health

Incidents of the Mumps at Syracuse University...



Status ● Confirmed ● Probable



Questions?
