



Public Health
Prevent. Promote. Protect.

Mahoning County District Board of Health

Influenza Summary

February 21, 2012

2011-2012 Influenza Season Surveillance Summary Week 7: February 12, 2012- February 18, 2012

The Mahoning County District Board of Health, in conjunction with Youngstown City Health District, will collect influenza surveillance data from September through May.

*Note: Ohio and CDC data are reported one week behind the local data so you will see information for 2 weeks on this report.

Summary:

Public health surveillance data sources indicate minimal intensity for influenza-like illness in outpatient settings reported by Ohio's sentinel providers. Eighteen influenza-associated hospitalizations were reported: seven in the Northwest, four in the Northeast, two in the East Central, two in the Southeast, two in the Southwest, and one in the Central region.

*Ohio's influenza activity level is currently at Sporadic Activity for Week 6

Definition: Small numbers of laboratory-confirmed influenza cases or a single laboratory-confirmed influenza outbreak has been reported, but there is no increase in cases of ILI.

State Surveillance Data:

- ODH lab reported results for those cases that are PCR positive for seasonal influenza. Positive results: (1) influenza A/H3 (total through 2/11/12).
- No pediatric influenza-associated mortalities have been reported (through 2/15/12).
- Incidence of confirmed influenza-associated hospitalizations in 2011-2012 season =137 (through 2/11/12).

Local Surveillance: (Week 7) Respiratory illness and constitutional syndrome (fever, aches, etc.) seen in the emergency rooms increased slightly this week. There was one new hospitalized influenza case reported. The USA and Youngstown City pneumonia and influenza (P&I) mortality remained below the expected threshold for Week 6, although more states are beginning to report influenza outbreaks.

- **Laboratory Confirmed Tests:** No non-hospitalized lab results were received Week 7
 - **Total:** 3 positives: Influenza A
- **Physician Offices:** No new positive influenza tests in Week 7
 - **Total:** 2 positives: Influenza A
- **Hospitalized cases:** One new hospitalized case was reported in Week 7
 - **Total:** 5 Positive cases
 - 4 Influenza A
 - 1 Influenza B
- **Hospital ED rapid influenza testing:** No rapid tests have been reported through Week 7

Pneumonia and Influenza (P&I) Deaths 2011-2012 Flu Season

Each week, the CDC Morbidity and Mortality Weekly report (MMWR) reports the total number of death certificates filed and the number of those for which pneumonia or influenza was listed as the underlying or as a contributing cause of death from the vital statistics offices of 122 cities

MMWR Week 6:

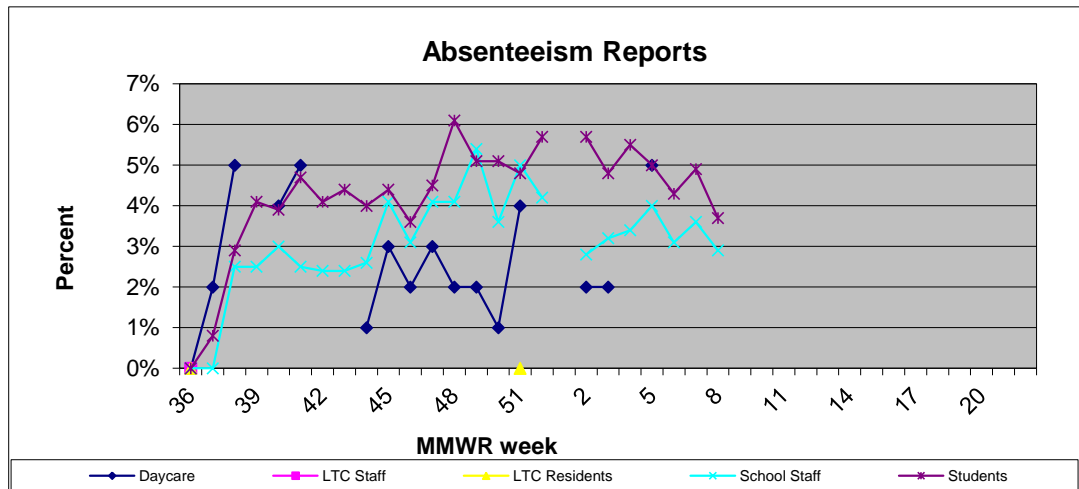
- Youngstown mortality due to P & I was 3.4%
- United States mortality due to P & I was 6.7%
- National Epidemic Threshold of 7.9%.

Absentee Data from sentinel Mahoning County Schools, Daycares, and Long Term Care Centers: (Week 7)

Absenteeism in schools reflects the sum of the average daily absences for the week from all the reporting schools (currently 16 out of 79 schools report) divided by the sum of the reported student population in these schools for the week. (This will help provide a more accurate number of absences during the shortened school weeks of the holidays)

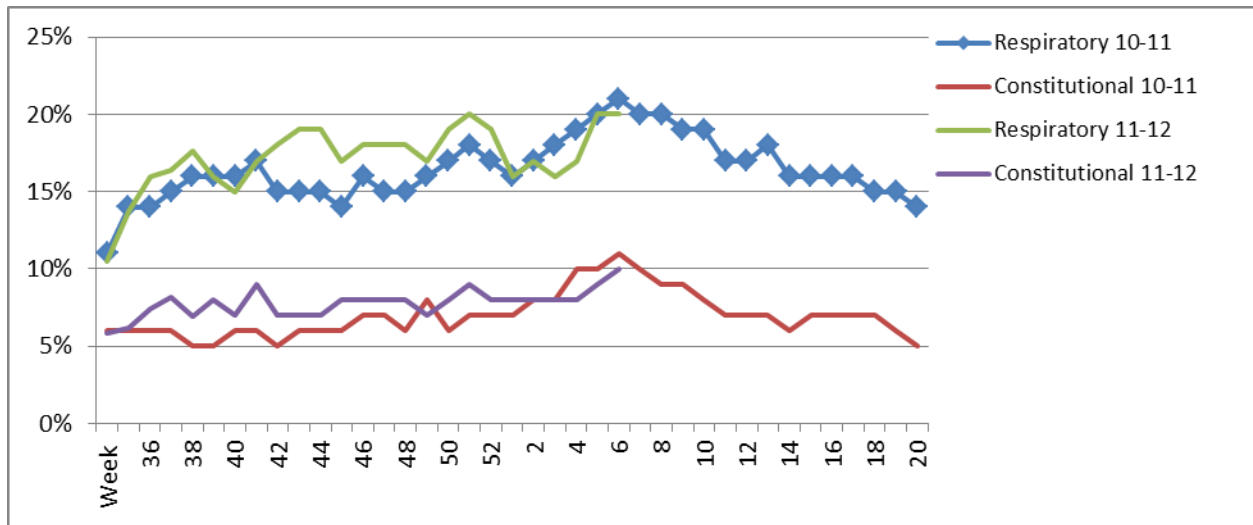
- **Daycare absences due to Influenza like illness: No report**
- **School absences:** (Total absences for week vs. population of school: could mean one child absent on multiple days) **Week 7:**
- **NOTE:** Schools were only open 2 days during Week 47 due to Thanksgiving holiday.
Schools were closed from December 23 to January 2, 2012: **No report for Week 52**
 - **Students: 3.7%**
 - **Staff: 2.9%**

All Schools, Daycare Centers, and Long term Care Centers in Mahoning County were asked to participate as sentinel sites and report their daily absentee data and influenza like illness. *NOTE*: Numbers change as updated reports are received.*



Emergency Department Visits:

There are three hospital systems in Mahoning County who report electronically all ED visits into the Epicenter system. *Report: Constitutional Syndrome: Non-localized, systemic problems including fever, chills, body aches, fatigue and Respiratory Syndrome*



Any questions regarding this information please contact Susan Kovach at the Mahoning County District Board of Health at 330-270-2855 x 132.