

EXECUTIVE SUMMARY
MMWR Week 6: February 8, 2015-February 14, 2015**Current Trends**

- Influenza-Associated Hospitalizations (IAH)**
 - There were a total of 0 IAH cases reported for this week
 - IAH cases decreased to 0 compared to last week (Week 5)
 - Hospitalizations and age were not applicable
 - Gender and hospitalization comparisons were not applicable
 - Race and hospitalization comparisons were not applicable
 - Cuyahoga County has 17.1% of all IAH cases in Ohio
 - The City of Cleveland has 7.1% of all IAH cases in Ohio
- Influenza Deaths
 - There was 1 influenza death (The one death was not a Cleveland resident) reported during Week 6 for Cuyahoga County, for a total of 43 deaths in Cuyahoga County (15 total deaths in Cleveland) over the 2014-2015 influenza season

IAH Cases: Comparison to Previous Years

- State of Ohio
MMWR Week 40-Week 5, 2014: 2158
MMWR Week 40-Week 5, 2015: 7612
253% increase in IAH cases
- Northeast Region of Ohio
Week 5, 2014: 26
Week 5, 2015: 53
104% increase in IAH cases

Vaccine Information

- The 2014-2015 trivalent influenza vaccine has been made to protect against H1N1, H3N2, and Influenza B
- Everyone 6 months of age or older should get vaccinated, especially the people listed below:
 - Pregnant women
 - Children younger than 5, but especially children younger than 2 years old
 - People 65 years of age and older
 - People of any age with certain chronic medical conditions including:
 - high blood pressure, liver, heart or lung disease, diabetes, asthma, cancer or a weakened immune system
 - People who live in nursing homes and other long-term care facilities
 - People who live with or care for those at high risk for complications from flu

Prevention Recommendations for Healthcare Professionals and General Public

- Get vaccinated
- Conduct proper handwashing techniques, and wash hands often
- Cover your mouth and nose when coughing and sneezing
- If you become ill, stay home and follow-up with your doctor and take flu antiviral drugs if your doctor prescribes them

Created by: CDPH Office of Communicable Disease Surveillance and Epidemiology

Data Sources: CDPH Office of Vital Statistics, Ohio Disease Reporting System (ODRS), Ohio Department of Health, Centers for Disease Control and Prevention. Version Date: 02.17.2015

**IAH: Case reporting fluctuations may contribute to an unequal deviation in the number of weekly reported cases.



February 8th to February 14th, 2015 (MMWR Week 6) Highlights

Influenza Deaths:

There was a total of 1 influenza death reported this week

- Adults aged 85 and over accounted for 100% of all influenza related deaths
- Influenza deaths accounted for .31% of all deaths reported this week
- The number of influenza deaths **decreased** compared to last week (4 deaths)

Influenza Deaths	Age	Sex	Race	Residence
#1	87	Female	White	Brooklyn

**Underlying medical conditions will not be provided if only 1 death is reported to prevent identifiable information to the patient*

Influenza-Associated Hospitalizations:

There were a total of 0 influenza-associated hospitalizations reported this week

- No age groups were hospitalized
- Hospitalizations **decreased** to 0 compared to last week (3 hospitalizations)
- Average age is not applicable
- Race and hospitalization comparisons are not applicable
- Gender and hospitalization comparisons are not applicable

Race	Number of Reported Hospitalizations	Percentage of Hospitalizations
African-American	0	0%
Asian	0	0%
White	0	0%
Other	0	0%
Unknown	0	0%

Sex	Number of Reported Hospitalizations	Percentage of Hospitalizations
Female	0	0%
Male	0	0%
Unknown	0	0%

Age	Number of Reported Hospitalizations	Percentage of Hospitalizations
0-14 years	0	0%
15-24 years	0	0%

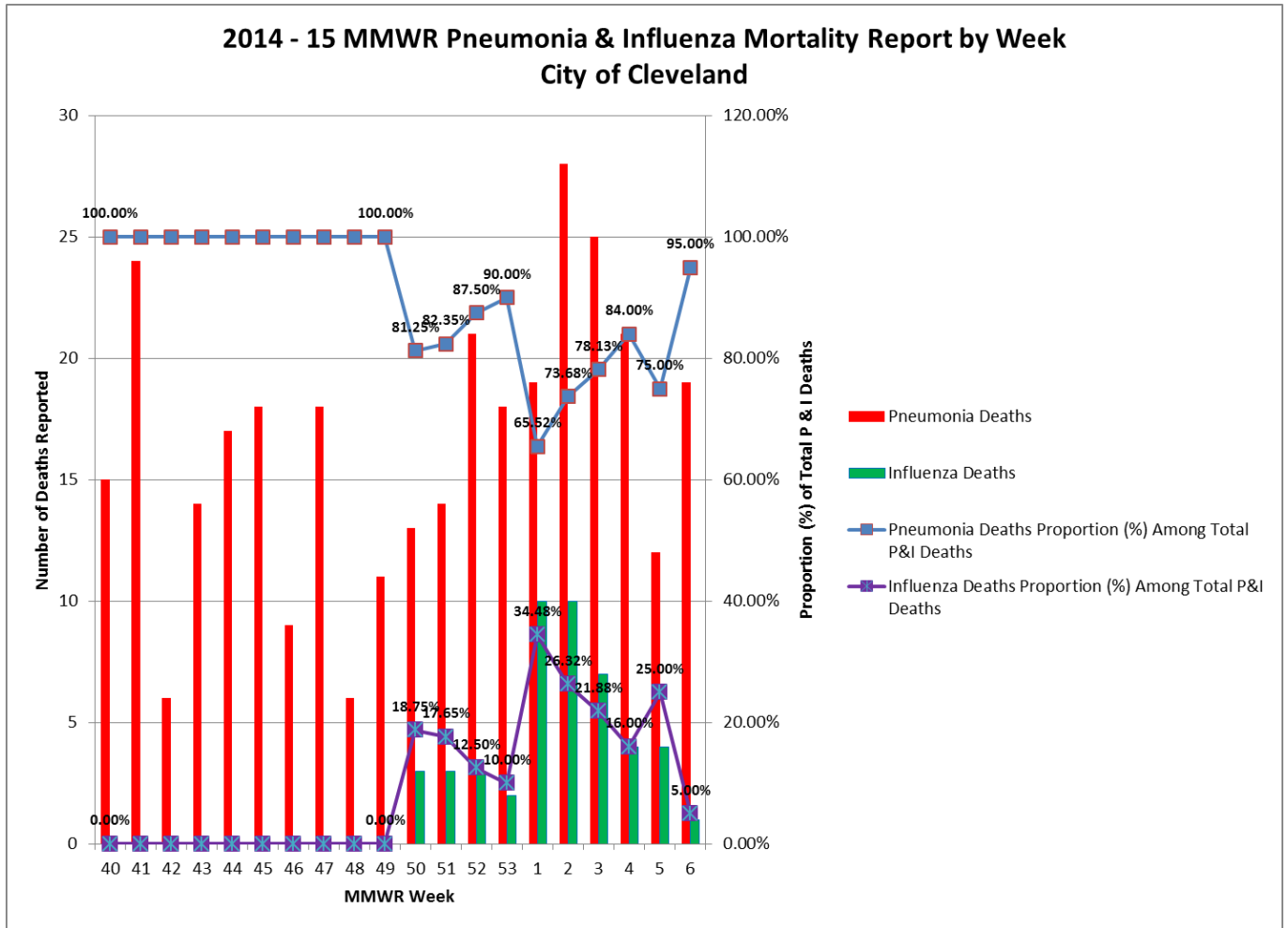
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25-44 years	0	0%
45-64 years	0	0%
65-74 years	0	0%
75-84 years	0	0%
85 years and older	0	0%
Age not reported	0	0%

Pneumonia and Influenza Mortalities Reported by Week in the City of Cleveland:



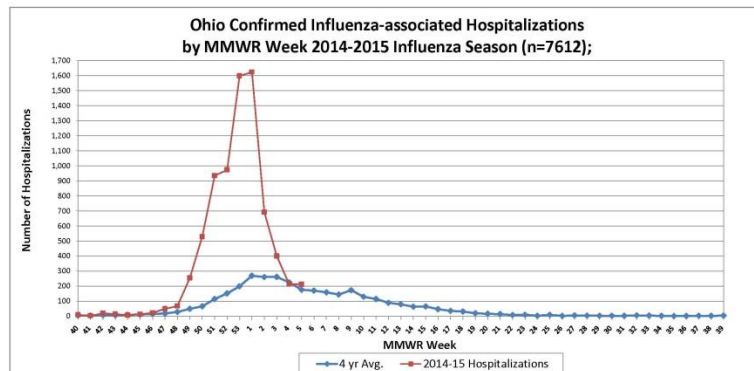
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Confirmed Influenza-Associated Hospitalizations (IAH) by Month for the State of Ohio:

- There have been a total of 7612 influenza associated hospitalizations in the State of Ohio as of February 7th, 2015
- Cuyahoga County has 1299 out of the 7612 influenza associated hospitalizations (17.1%)
- The City of Cleveland has 540 out of the 7612 influenza associated hospitalizations (7.1%)

**National IAH Data from CDC for MMWR Weeks 40-5 (February 1, 2015 to February 7, 2015)**

- Overall hospitalization rate was 44.1 per 100,000 population
- The highest rate of hospitalization was among adults aged ≥ 65 years (217.3 per 100,000 population), followed by children aged 0-4 years (40.4 per 100,000 population)
- Among all hospitalizations, 96.1% were associated with influenza A, 3.1% with influenza B, 0.3% with influenza A and B co-infection, and 0.4% had no virus type information
- Among those with influenza A subtype information, 99.7% were H3N2 virus and 0.3% were 2009 H1N1
- The majority (93.4%) of hospitalized adults had at least one reported underlying medical condition; the most commonly reported were metabolic disorders, cardiovascular disease, and obesity
- The most commonly reported underlying medical conditions among pediatric patients were asthma, neurologic disorders and immune suppression
- A total of 80 influenza-associated pediatric deaths have been reported during the 2014-2015 season from 27 states; Ohio is one of these states with 5 pediatric deaths

National IAH Data from CDC for MMWR Week 5 (February 1, 2015 to February 7, 2015)

- During week 5, 8.1% of all deaths reported through the 122 Cities Mortality Reporting System were due to Pneumonia & Influenza (P&I)

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