

EXECUTIVE SUMMARY
MMWR Week 14: April 5, 2015-April 11, 2015**Current Trends**

- Influenza-Associated Hospitalizations (IAH)**
 - There were a total of 22 IAH cases reported for this week
 - IAH cases increased by 38% compared to last week (Week 13)
 - Adults aged 45-64 and adults aged 65-74 each equally accounted for 41% of all reported hospitalizations
 - Males accounted for the highest percentage of all IAH cases at 55%
 - African-Americans accounted for 68% of all IAH cases
 - Cuyahoga County has 16.1% of all IAH cases in Ohio
 - The City of Cleveland has 6.9% of all IAH cases in Ohio
- Influenza Deaths
 - There was 1 influenza death reported during Week 14 for Cuyahoga County. There have been a total of 45 deaths in Cuyahoga County (17 total deaths in Cleveland) over the 2014-2015 influenza season

IAH Cases: Comparison to Previous Years

- State of Ohio
MMWR Week 40-Week 13, 2014: 3146
MMWR Week 40-Week 13, 2015: 8699
177% increase in IAH cases
- Northeast Region of Ohio
Week 13, 2014: Not available
Week 13, 2015: 34
Percent increase in IAH cases not available

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: 04.21.2015

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



April 5th to April 11th, 2015 (MMWR Week 14) 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 reported
- Influenza deaths accounted for 0.37% of all deaths reported this week
- The number of influenza deaths **increased** compared to last week (0 deaths)

Influenza Deaths	Age	Sex	Race	Residence
#1	92	Female	White	Cleveland

**Underlying medical conditions will not be provided due to the low number of deaths reported.*

Influenza-Associated Hospitalizations:

There were a total of 22 influenza-associated hospitalizations reported this week

- Adults aged 45-64 and adults aged 65-74 each equally accounted for 41% of all reported hospitalizations
- Hospitalizations increased by **38%** (↑) compared to last week (16 hospitalizations)
- The average age of influenza-associated hospitalizations was 57 years
- African-Americans accounted for 68% of all reported hospitalizations
- Males accounted for 55% of all reported hospitalizations; compared to 45% for females

Race	Number of Reported Hospitalizations	Percentage of Hospitalizations
African-American	15	68%
Asian	0	0%
White	4	18%
Other	2	9%
Unknown	1	5%

Sex	Number of Reported Hospitalizations	Percentage of Hospitalizations
Female	10	45%
Male	12	55%
Unknown	0	0%

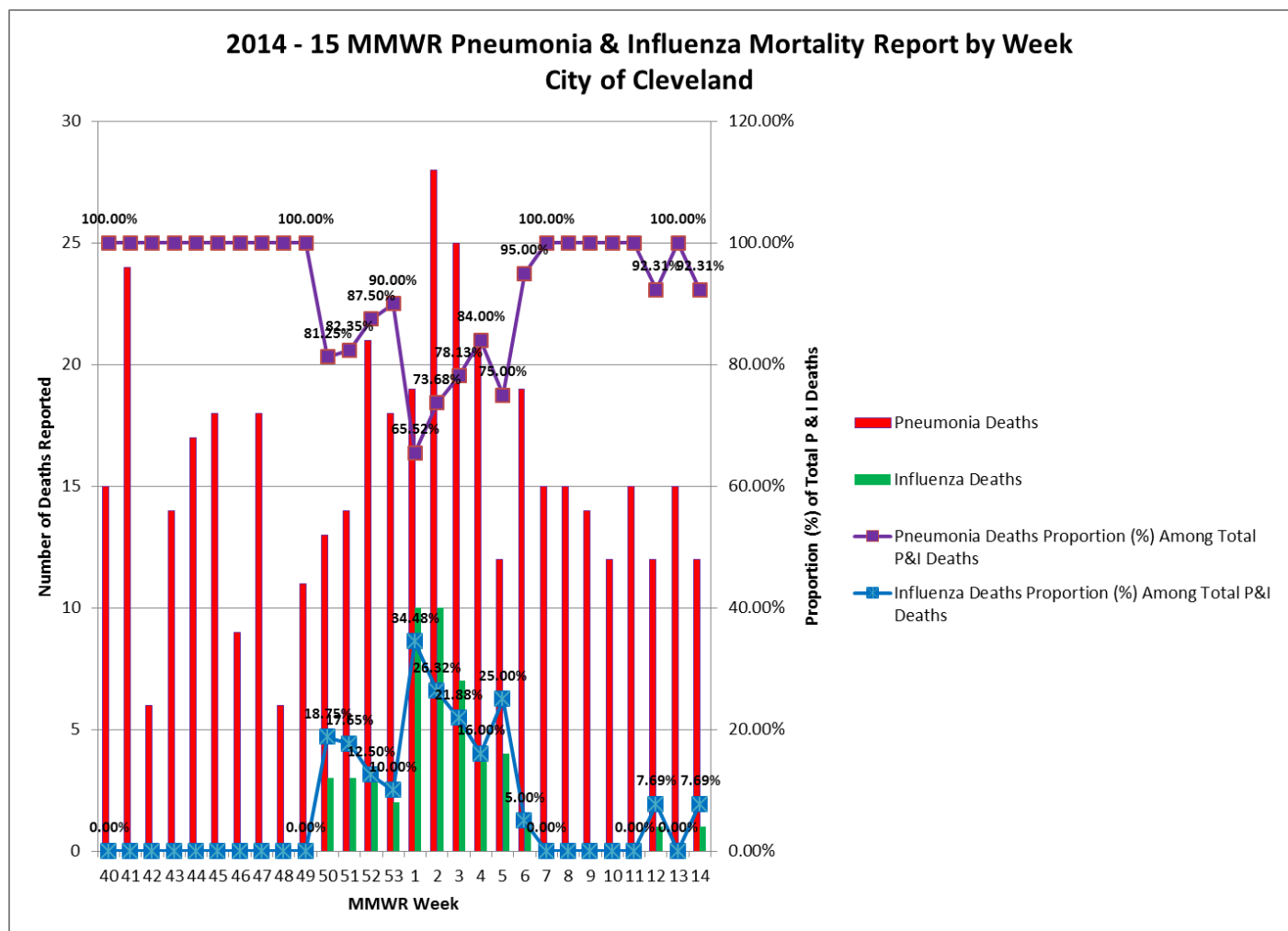
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Age	Number of Reported Hospitalizations	Percentage of Hospitalizations
0-14 years	0	0%
15-24 years	2	9%
25-44 years	2	9%
45-64 years	9	41%
65-74 years	9	41%
75-84 years	0	0%
85 years and older	0	0%
Age not reported	0	0%

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 8699 influenza associated hospitalizations in the State of Ohio as of April 4th, 2015
- Cuyahoga County has 1399 out of the 8699 influenza associated hospitalizations (16.1%)
- The City of Cleveland has 604 out of the 8699 influenza associated hospitalizations (6.9%)

**Please note that the graph and data below reflects Week 14 data. The Week 13 graph and data are not available.*

