

Seasonal Influenza (Flu)

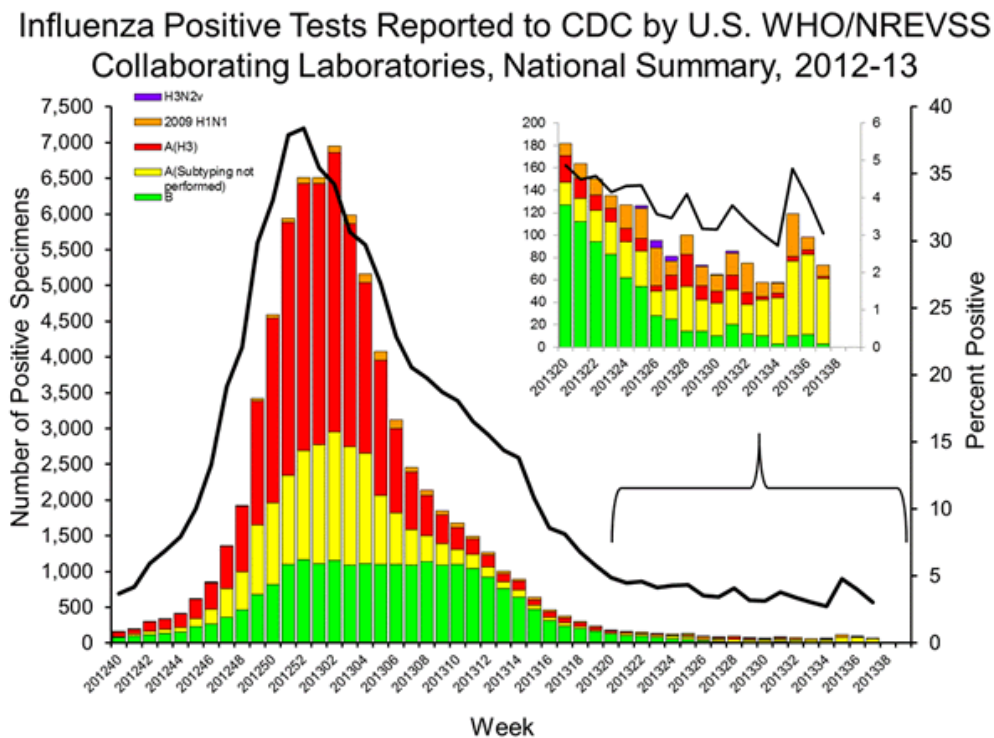



2012-2013 Influenza Season Week 37 ending September 14, 2013

All data are preliminary and may change as more reports are received.

U.S. Virologic Surveillance:

WHO and NREVSS collaborating laboratories located in all 50 states and Washington, D.C. report to CDC the number of respiratory specimens tested for influenza and the number positive by influenza type and subtype. Region specific data are available at <http://gis.cdc.gov/grasp/fluview/fluportaldashboard.html>.



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Novel Influenza A Viruses:

Two additional novel influenza A virus infections have been reported to CDC during week 37. Two infections with influenza A (H1N1) variant (H1N1v) viruses were reported by Arkansas, bringing the total number of variant influenza virus infections to 20.

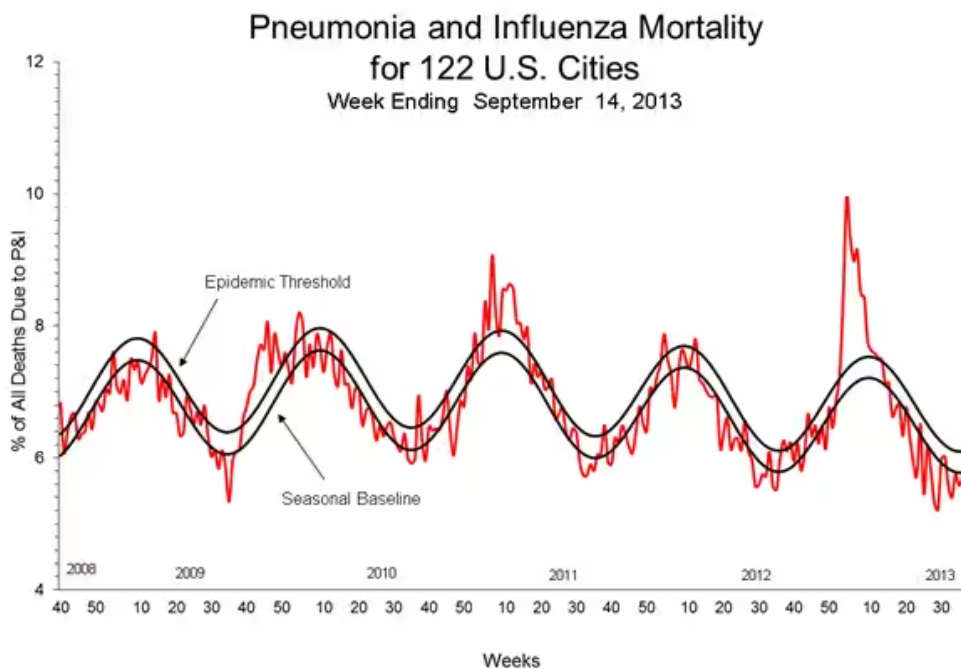
A total of 18 H3N2v cases have been reported this summer (Illinois [1], Indiana [14], Michigan [2], and Ohio [1]). So far during 2013, one person has been hospitalized as a result of variant influenza illness; no deaths have occurred. At this time no ongoing human-to-human transmission has been identified and all 20 cases have reported close contact with swine in the week prior to illness onset.

Because of reporting schedules, state totals posted by CDC may not always be consistent with those reported by state health departments. If there is a discrepancy between state and CDC case counts, data from the state health department should be used as the most accurate number.

Early identification and investigation of human infections with novel influenza A viruses is critical in order to evaluate the extent of the outbreak and possible human-to-human transmission. Additional information on influenza in swine, variant influenza infection in humans, and strategies to interact safely with livestock can be found at <http://www.cdc.gov/flu/swineflu/h3n2v-cases.htm>.

Pneumonia and Influenza (P&I) Mortality Surveillance:

During week 37, 5.8% of all deaths reported through the 122-Cities Mortality Reporting System were due to P&I. This percentage was below the epidemic threshold of 6.1% for week 37.



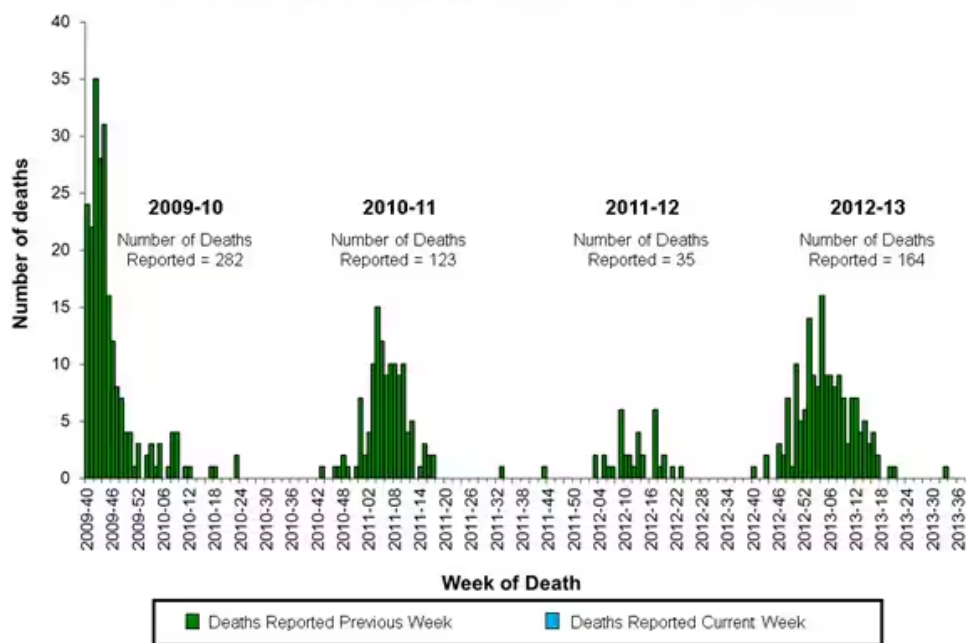
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Influenza-Associated Pediatric Mortality:

No new influenza-associated pediatric deaths were reported to CDC during week 37. A total of 164 influenza-associated pediatric deaths have been reported during the 2012-2013 season.

Additional data can be found at: <http://gis.cdc.gov/GRASP/Fluview/PedFluDeath.html>.

Number of Influenza-Associated Pediatric Deaths by Week of Death: 2009-10 season to present



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Influenza-Associated Hospitalizations:

The Influenza Hospitalization Surveillance Network (FluSurv-NET) conducts all age population-based surveillance for laboratory-confirmed influenza-related hospitalizations in select counties in the Emerging Infections Program (EIP) states and Influenza Hospitalization Surveillance Project (IHSP) states. Additional FluSurv-NET data can be found at: <http://gis.cdc.gov/GRASP/Fluview/FluHospRates.html> and <http://gis.cdc.gov/grasp/fluview/FluHospChars.html>.

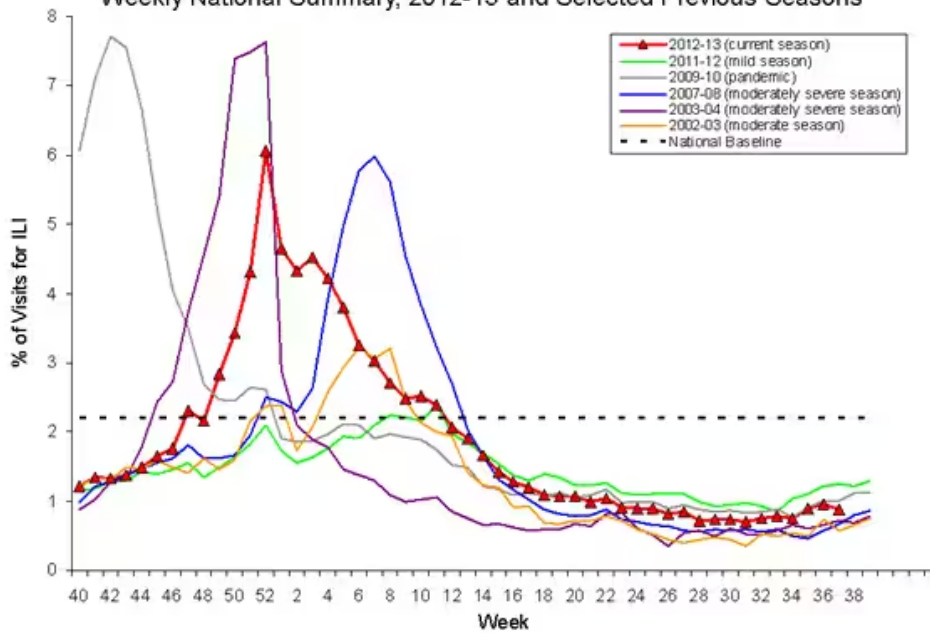
Outpatient Illness Surveillance:

Nationwide during week 37, 0.9% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.2%.

(ILI is defined as fever (temperature of 100°F [37.8°C] or greater) and cough and/or sore throat.)

Additional data are available at <http://gis.cdc.gov/grasp/fluview/fluportaldashboard.html>.

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2012-13 and Selected Previous Seasons



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Additional National and International Influenza Surveillance Information

FluView Interactive: This season, FluView includes enhanced web-based interactive applications that can provide dynamic visuals of the influenza data collected and analyzed by CDC. These FluView Interactive applications allow people to create customized, visual interpretations of influenza data, as well as comparisons across flu seasons, regions, age groups and a variety of other demographics. To access these tools visit <http://www.cdc.gov/flu/weekly/fluviewinteractive.htm>.

U.S. State and local influenza surveillance: Click on a jurisdiction below to access the latest local influenza information.

- | | | | | |
|--------------------------------|-------------------------------|--------------------------------|--------------------------------------|-------------------------------|
| Alabama | Alaska | Arizona | Arkansas | California |
| Colorado | Connecticut | Delaware | District of Columbia | Florida |
| Georgia | Hawaii | Idaho | Illinois | Indiana |
| Iowa | Kansas | Kentucky | Louisiana | Maine |
| Maryland | Massachusetts | Michigan | Minnesota | Mississippi |
| Missouri | Montana | Nebraska | Nevada | New Hampshire |
| New Jersey | New Mexico | New York | North Carolina | North Dakota |
| Ohio | Oklahoma | Oregon | Pennsylvania | Rhode Island |
| South Carolina | South Dakota | Tennessee | Texas | Utah |
| Vermont | Virginia | Washington | West Virginia | Wisconsin |
| Wyoming | New York City | Virgin Islands | | |

Google Flu Trends: Google Flu Trends uses aggregated Google search data in a model created in collaboration with CDC to estimate influenza activity in the United States. For more information and activity estimates from the U.S. and worldwide, see <http://www.google.org/flutrends/>

World Health Organization: Additional influenza surveillance information from participating WHO member nations is available through [FluNet](#) and the [Global Epidemiology Reports](#).

WHO Collaborating Centers for Influenza located in [Australia](#), [China](#), [Japan](#), and the [United Kingdom](#).

Europe: for the most recent influenza surveillance information from Europe, please see WHO/Europe at <http://www.euroflu.org/index.php> and visit the European Centre for Disease Prevention and Control at http://ecdc.europa.eu/en/publications/surveillance_reports/influenza/Pages/weekly_influenza_surveillance_overview.aspx

Public Health Agency of Canada: The most up-to-date influenza information from Canada is available at <http://www.phac-aspc.gc.ca/fluwatch/>

Health Protection Agency (United Kingdom): The most up-to-date influenza information from the United Kingdom is available at <http://www.hpa.org.uk/Topics/InfectiousDiseases/InfectionsAZ/SeasonalInfluenza/>

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A description of surveillance methods is available at: <http://www.cdc.gov/flu/weekly/overview.htm>

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