

Seasonal Influenza (Flu)

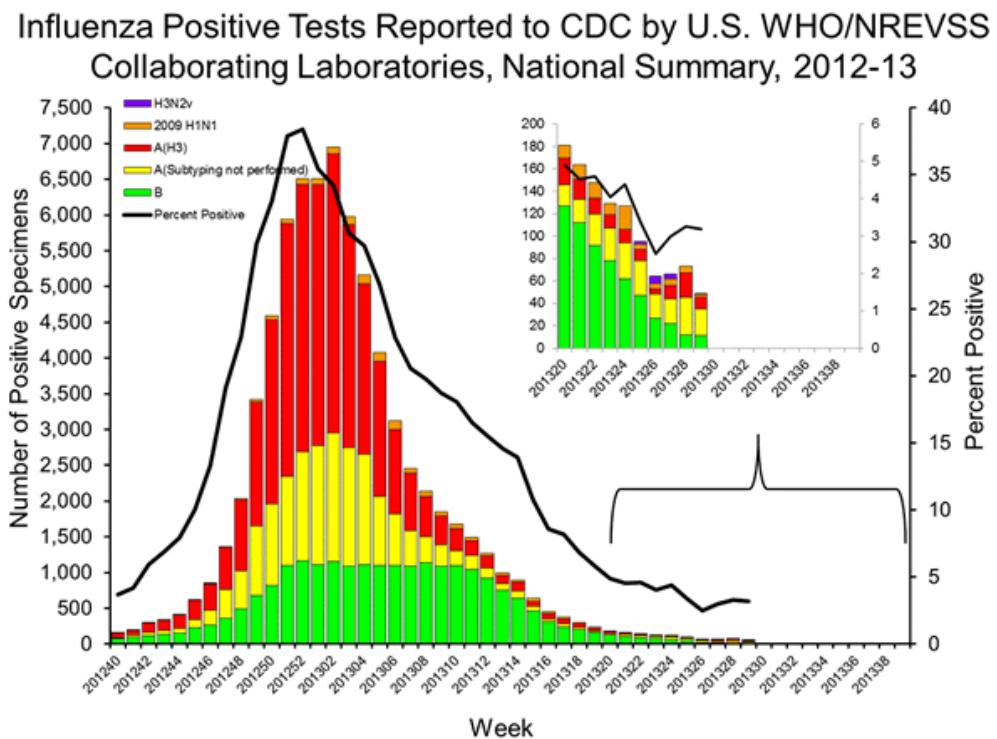


2012-2013 Influenza Season Week 29 ending July 20, 2013

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:

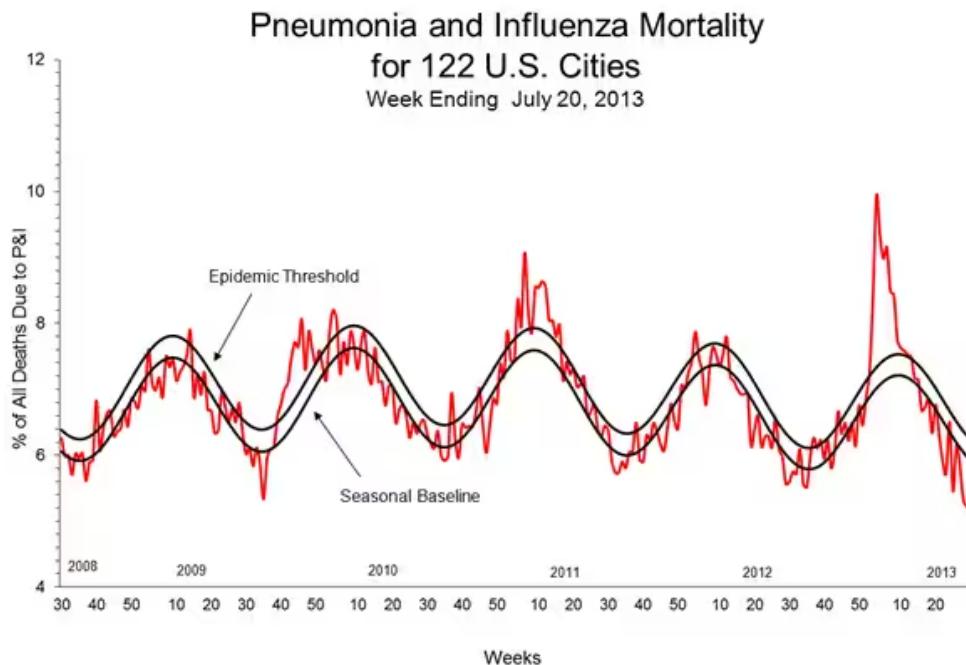
Two new human infections with influenza A (H3N2) variant (H3N2v) virus were reported to CDC during week 29 (Indiana [1] and Ohio [1]). A total of 14 H3N2v cases have been reported this summer. No hospitalizations or deaths have occurred. At this time no ongoing human-to-human transmission has been identified and all 14 cases have reported close contact with swine in the week prior to illness onset. Public health and agriculture officials are investigating the extent of disease among humans and swine, and additional cases may be identified as the investigation continues.

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 29, 5.2% of all deaths reported through the 122-Cities Mortality Reporting System were due to P&I. This percentage was below the epidemic threshold of 6.3% for week 29.



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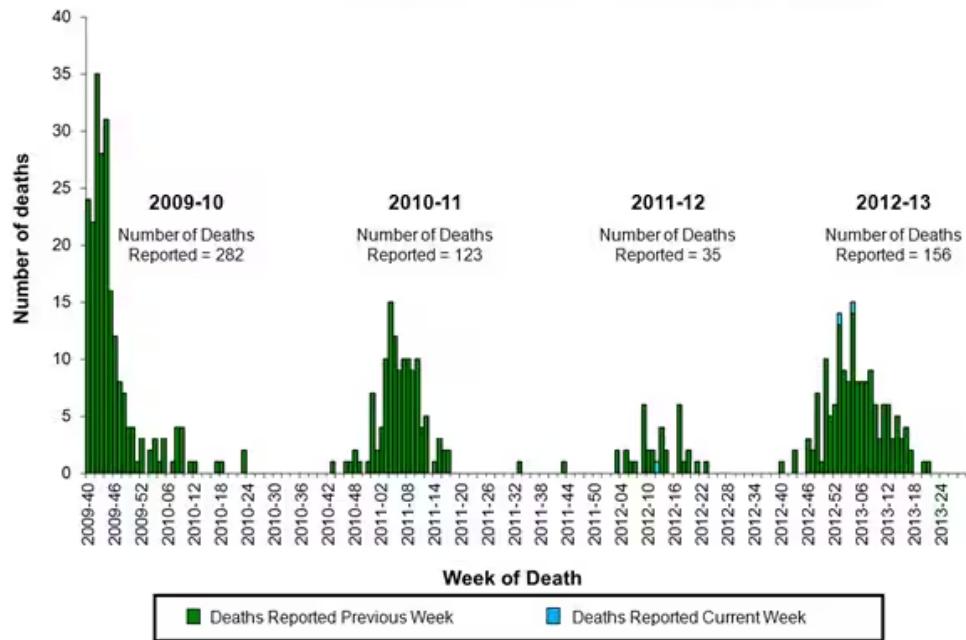
Influenza-Associated Pediatric Mortality:

Three influenza-associated pediatric deaths were reported to CDC during week 29. Two deaths were associated with an influenza A virus for which the subtype was not determined and occurred during weeks 1 and 4 (weeks ending January 5 and January 26, 2013). A total of 156 influenza-associated pediatric deaths have been reported during the 2012-2013 season.

One of the three influenza-associated pediatric deaths reported during week 29 was associated with an influenza A virus for which the subtype was not determined. This death occurred during week 12 of the 2011-12 season (week ending March 24, 2012) and brings the total number of reported pediatric deaths occurring during that season to 35.

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>.

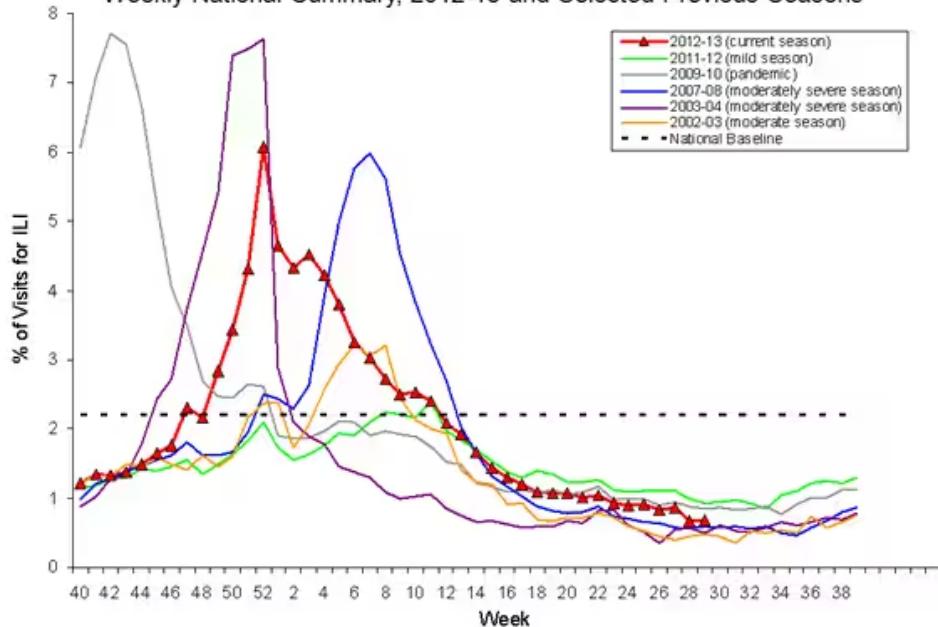
Outpatient Illness Surveillance:

Nationwide during week 29, 0.7% 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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