

2014-2015 Influenza Season Week 8 ending February 28, 2015

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

Synopsis: During week 8 (February 22-28, 2015), influenza activity continued to decrease, but remained elevated in the United States.

- o **Viral Surveillance:** Of 16,821 specimens tested and reported by U.S. World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories during week 8, 1,834 (10.9%) were positive for influenza.
- o **Pneumonia and Influenza Mortality:** The proportion of deaths attributed to pneumonia and influenza (P&I) was at the epidemic threshold.
- o **Influenza-associated Pediatric Deaths:** Six influenza-associated pediatric deaths were reported, including one influenza-associated pediatric death that occurred during the 2013-2014 season.
- o **Influenza-associated Hospitalizations:** A cumulative rate for the season of 53.5 laboratory-confirmed influenza-associated hospitalizations per 100,000 population was reported.
- o **Outpatient Illness Surveillance:** The proportion of outpatient visits for influenza-like illness (ILI) was 2.5%, above the national baseline of 2.0%. Seven regions reported ILI at or above region-specific baseline levels. Puerto Rico and six states experienced high ILI activity; four states experienced moderate ILI activity; 10 states experienced low ILI activity; New York City and 30 states experienced minimal ILI activity; and the District of Columbia had insufficient data.
- o **Geographic Spread of Influenza:** The geographic spread of influenza in Guam and 12 states was reported as widespread; Puerto Rico, the U.S. Virgin Islands, and 30 states reported regional activity; the District of Columbia and six states reported local activity; and two states reported sporadic activity.

National and Regional Summary of Select Surveillance Components

HHS Surveillance Regions*	Data for current week			Data cumulative since September 28, 2014 (week 40)				
	Out-patient ILI†	Number of jurisdictions reporting regional or widespread activity§	% respiratory specimens positive for flu‡	A(H1N1) pdm09	A (H3)	A (Subtyping not performed)	B	Pediatric Deaths
Nation	Elevated	45 of 54	10.9%	179	44,943	49,354	7,797	97
Region 1	Elevated	6 of 6	19.0%	7	2,591	2,605	222	1
Region 2	Elevated	4 of 4	17.1%	53	3,737	4,962	360	6
Region 3	Normal	3 of 6	12.1%	6	5,977	4,676	426	8
Region 4	Elevated	8 of 8	10.0%	9	3,577	12,140	2,189	18
Region 5	Normal	5 of 6	8.2%	12	7,898	7,787	764	19
Region 6	Elevated	5 of 5	14.5%	28	4,411	7,713	1,857	20
Region 7	Elevated	4 of 4	9.7%	8	1,735	2,359	394	7
Region 8	Elevated	4 of 6	10.9%	26	4,428	3,409	743	6
Region 9	Normal	4 of 5	19.4%	22	6,505	3,021	601	11
Region 10	Elevated	2 of 4	8.6%	8	4,084	682	241	1

*<http://www.hhs.gov/iea/regional/>

† Elevated means the % of visits for ILI is at or above the national or region-specific baseline.

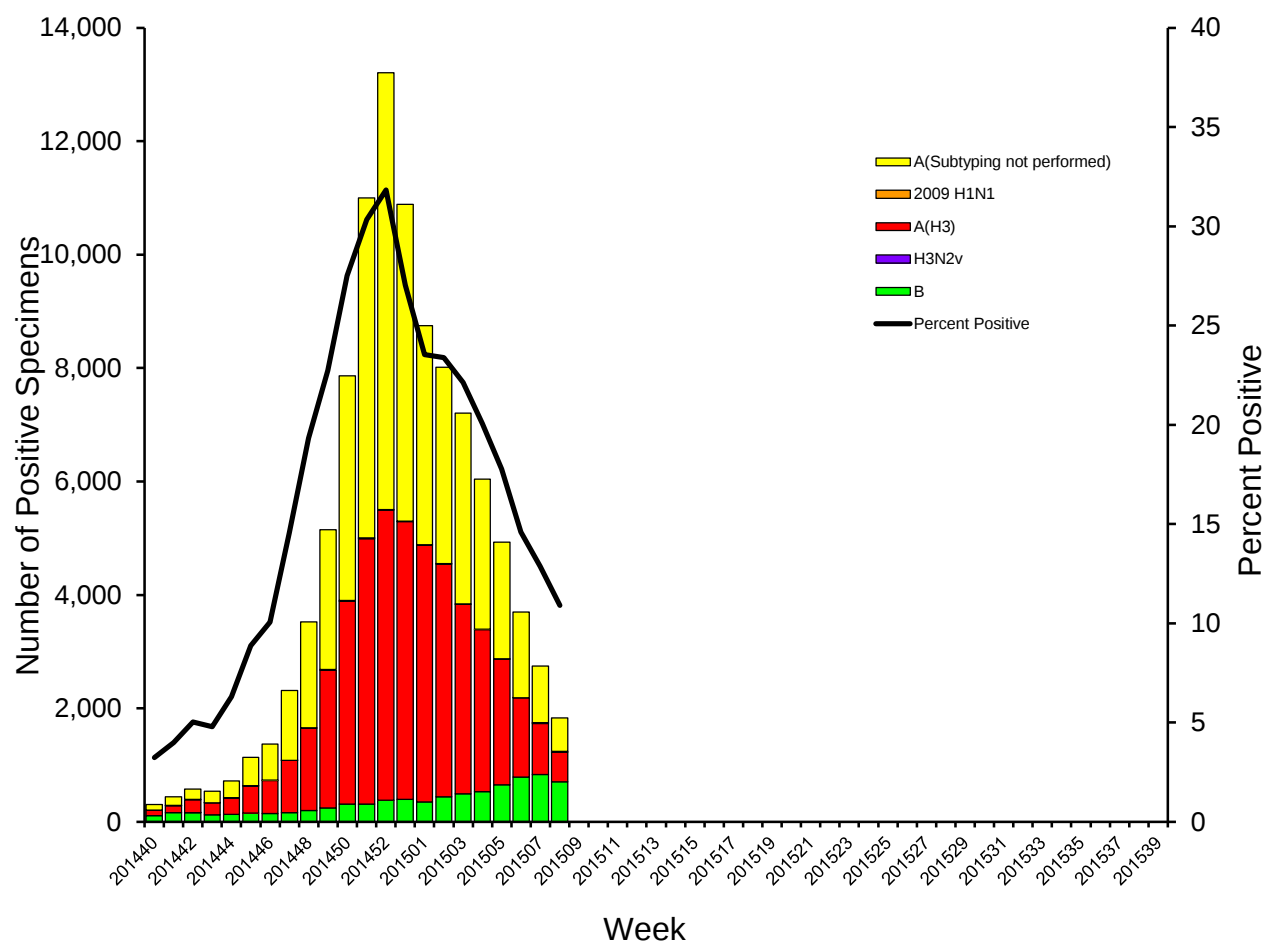
§ Includes all 50 states, the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands.

‡ National data are for current week; regional data are for the most recent three weeks.

U.S. Virologic Surveillance: WHO and NREVSS collaborating laboratories located in all 50 states, Puerto Rico, and the District of Columbia report to CDC the number of respiratory specimens tested for influenza and the number positive by influenza virus type and influenza A virus subtype. The results of tests performed during the current week and totals for the influenza season to date are summarized in the table below.

	Week 8	Data Cumulative since September 28, 2014 (Week 40)
No. of specimens tested	16,821	509,958
No. of positive specimens (%)	1,834 (10.9%)	102,274 (20.1%)
Positive specimens by type/subtype		
Influenza A	1,128 (61.5%)	94,477 (92.4%)
A(H1N1)pmd09	11 (1.0%)	179 (0.2%)
H3	524 (46.5%)	44,943 (47.6%)
Subtyping not performed	593 (52.6%)	49,354 (52.2%)
Influenza B	706 (38.5%)	7,797 (7.6%)

Influenza Positive Tests Reported to CDC by U.S. WHO/NREVSS Collaborating Laboratories, National Summary, 2014-15



Influenza Virus Characterization*: CDC has characterized 1,033 influenza viruses [27 A(H1N1)pdm09, 814 A(H3N2), and 192 influenza B viruses] collected by U.S. laboratories since October 1, 2014.

Influenza A Virus [841]

- **A(H1N1)pdm09 [27]:** All 27 H1N1 viruses tested were characterized as A/California/7/2009-like, the influenza A (H1N1) component of the 2014-2015 Northern Hemisphere influenza vaccine.
- **A(H3N2) [814]:** 229 (28.1%) of the 814 H3N2 viruses tested have been characterized as A/Texas/50/2012-like, the influenza A (H3N2) component of the 2014-2015 Northern Hemisphere influenza vaccine. 585 (71.9%) of the 814 viruses tested showed either reduced titers with antiserum produced against A/Texas/50/2012 or belonged to a genetic group that typically shows reduced titers to A/Texas/50/2012. Among viruses that showed reduced titers with antiserum raised against A/Texas/50/2012, most were antigenically similar to A/Switzerland/9715293/2013, the H3N2 virus selected for the 2015 Southern Hemisphere influenza vaccine. A/Switzerland/9715293/2013 is related to, but antigenically and genetically distinguishable from, the A/Texas/50/2012 vaccine virus. A/Switzerland-like H3N2 viruses were first detected in the United States in small numbers in March of 2014 and began to increase through the spring and summer.

Influenza B Virus [192]

145 (75.5%) of the influenza B viruses tested belong to B/Yamagata/16/88 lineage and the remaining 47 (24.5%) influenza B viruses tested belong to B/Victoria/02/87 lineage.

- **Yamagata Lineage [145]:** 138 (95.2%) of the 145 B/Yamagata-lineage viruses were characterized as B/Massachusetts/2/2012-like, which is included as an influenza B component of the 2014-2015 Northern Hemisphere trivalent and quadrivalent influenza vaccines. Seven (4.8%) of the B/Yamagata-lineage viruses tested showed reduced titers to B/Massachusetts/2/2012.
- **Victoria Lineage [47]:** 43 (91.5%) of the 47 B/Victoria-lineage viruses were characterized as B/Brisbane/60/2008-like, the virus that is included as an influenza B component of the 2014-2015 Northern Hemisphere quadrivalent influenza vaccine. Four (8.5%) of the B/Victoria-lineage viruses tested showed reduced titers to B/Brisbane/60/2008.

*CDC routinely uses hemagglutination inhibition (HI) assays to [antigenically characterize](#) influenza viruses year-round to compare how similar currently circulating influenza viruses are to those included in the influenza vaccine, and to monitor for changes in circulating influenza viruses. However, a portion of recent influenza A (H3N2) viruses do not grow to sufficient hemagglutination titers for antigenic characterization by HI. For many of these viruses, CDC is also performing [genetic characterization](#) to infer antigenic properties.

Antiviral Resistance: Testing of influenza A(H1N1)pdm09, A(H3N2), and influenza B virus isolates for resistance to neuraminidase inhibitors (oseltamivir, zanamivir, and peramivir) is performed at CDC using a functional assay. Additional A(H1N1)pdm09 and A(H3N2) clinical samples are tested for mutations of the virus known to confer oseltamivir resistance. The data summarized below combine the results of both testing methods. These samples are routinely obtained for surveillance purposes rather than for diagnostic testing of patients suspected to be infected with antiviral-resistant virus.

High levels of resistance to the adamantanes (amantadine and rimantadine) persist among A(H1N1)pdm09 and A(H3N2) viruses (the adamantanes are not effective against influenza B viruses). Therefore, data from adamantane resistance testing are not presented below.

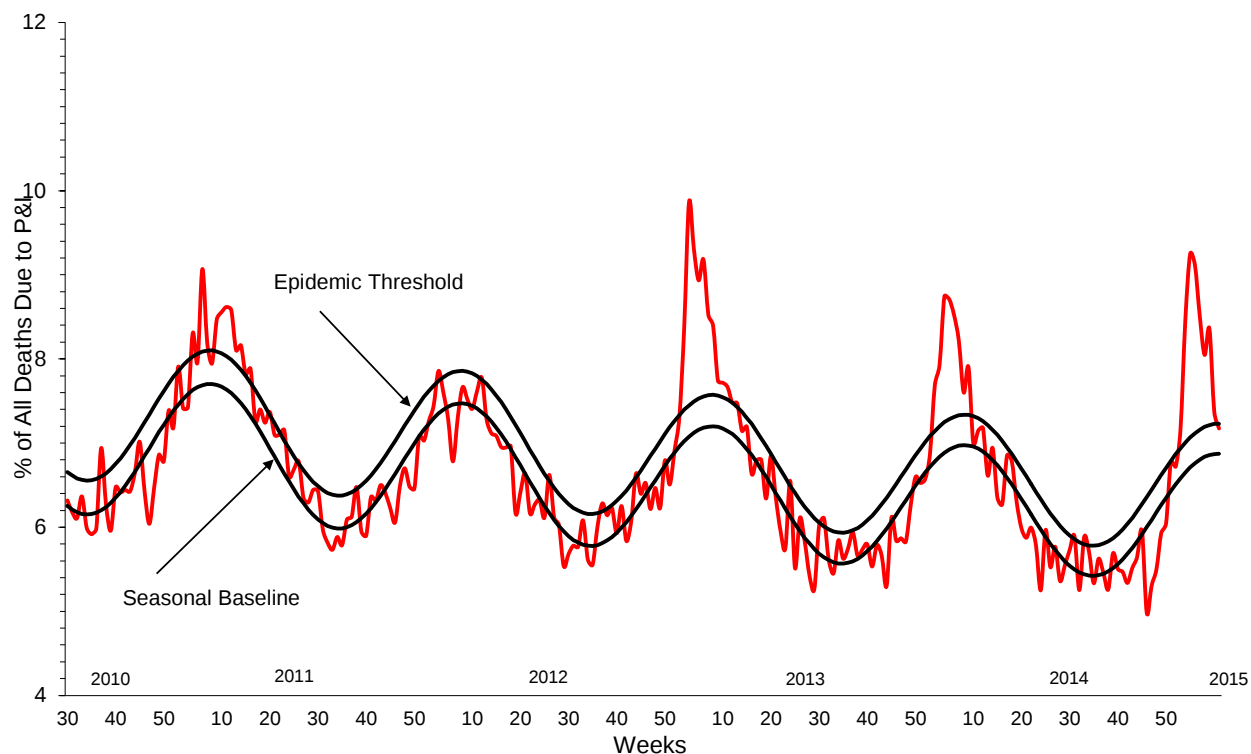
**Neuraminidase Inhibitor Resistance Testing Results
on Samples Collected Since October 1, 2014**

	Oseltamivir		Zanamivir		Peramivir	
	Virus Samples tested (n)	Resistant Viruses, Number (%)	Virus Samples tested (n)	Resistant Viruses, Number (%)	Virus Samples tested (n)	Resistant Viruses, Number (%)
Influenza A(H1N1)pmd09	32	1 (3.1)	28	0 (0.0)	32	1 (3.1)
Influenza A (H3N2)	1,944	0 (0.0)	1,944	0 (0.0)	1,222	0 (0.0)
Influenza B	237	0 (0.0)	237	0 (0.0)	237	0 (0.0)

In the United States, the vast majority of recently circulating influenza viruses have been susceptible to the neuraminidase inhibitor antiviral medications, oseltamivir, zanamivir, and peramivir; rare sporadic instances of oseltamivir-resistant A(H1N1)pdm09 and A(H3N2) viruses have been detected worldwide. Antiviral treatment with oseltamivir, zanamivir, or peramivir is recommended as early as possible for patients with confirmed or suspected influenza who have severe, complicated, or progressive illness; who require hospitalization; or who are at high risk for serious influenza-related complications. Additional information on recommendations for treatment and chemoprophylaxis of influenza virus infection with antiviral agents is available at <http://www.cdc.gov/flu/antivirals/index.htm>.

Pneumonia and Influenza (P&I) Mortality Surveillance: During week 8, 7.2% of all deaths reported through the 122 Cities Mortality Reporting System were due to P&I. This percentage was at the epidemic threshold of 7.2% for week 8.

Pneumonia and Influenza Mortality for 122 U.S. Cities Week ending February 28, 2015



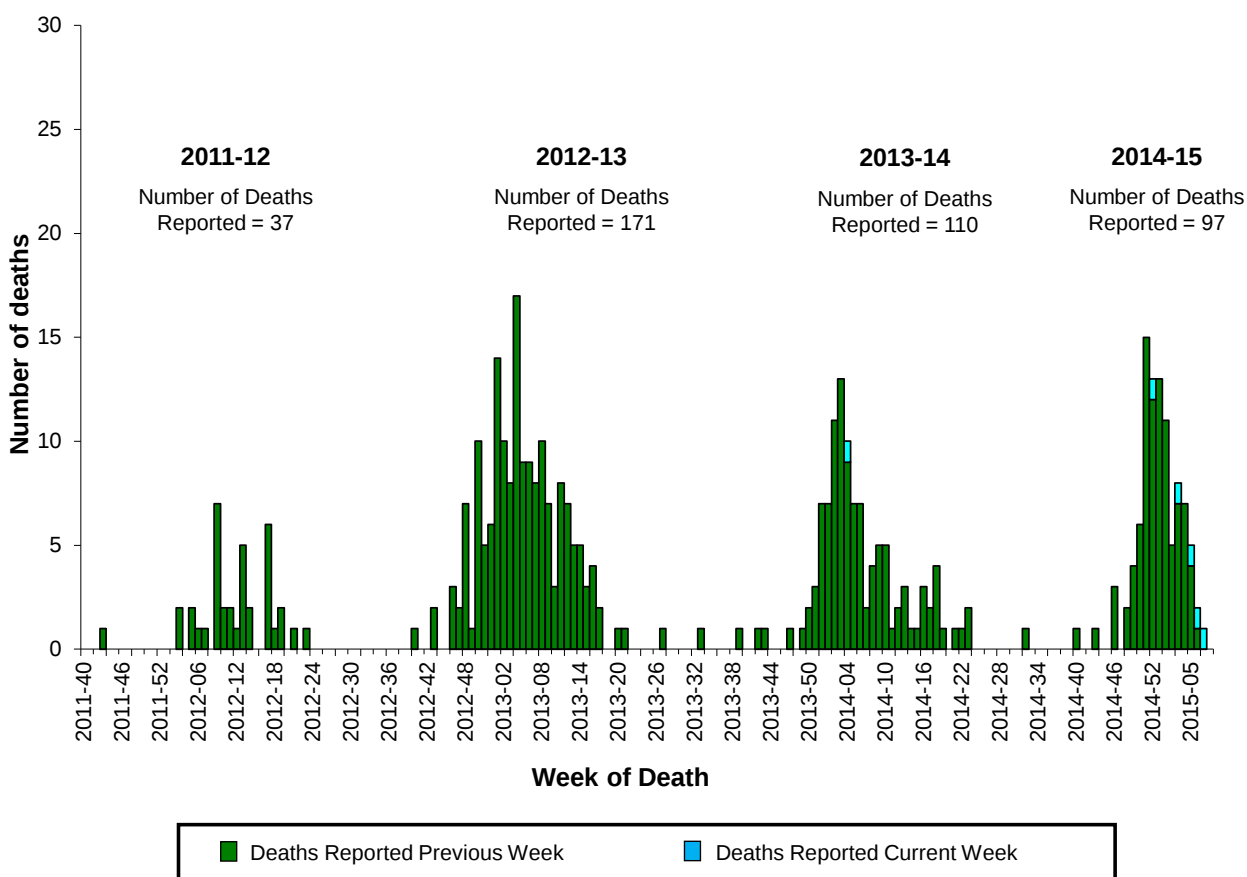
For the 2014-2015 influenza season, CDC/Influenza Division and the National Center for Health Statistics (NCHS) are collaborating on a pilot project to use NCHS mortality surveillance data for the rapid assessment of pneumonia and influenza (P&I) mortality. To view the data, please click [here](#).

Influenza-Associated Pediatric Mortality: Six influenza-associated pediatric deaths were reported to CDC during week 8. Five deaths were associated with an influenza A (H3) virus and occurred during weeks 52, 3, 5, 6, and 7 (the weeks ending December 27, 2014, January 24, February 7, February 14, and February 21, 2015, respectively).

One death was associated with an influenza A (H1N1)pdm09 virus and occurred during the 2013-14 season and brings the total number of reported pediatric deaths occurring during that season to 110.

A total of 97 influenza-associated pediatric deaths have been reported during the 2014-2015 season from New York City [2] and 31 states (Arizona [2], California [2], Colorado [3], Florida [3], Georgia [1], Indiana [1], Iowa [3], Kansas [2], Kentucky [3], Louisiana [2], Maryland [1], Massachusetts [1], Michigan [1], Minnesota [5], Missouri [1], Nebraska [1], New Jersey [1], North Carolina [2], Nevada [7], New York [3], Ohio [6], Oklahoma [6], Pennsylvania [3], South Carolina [3], South Dakota [1], Tennessee [6], Texas [12], Utah [2], Virginia [4], Washington [1], and Wisconsin [6]).

Number of Influenza-Associated Pediatric Deaths by Week of Death: 2011-2012 season to present



Influenza-Associated Hospitalizations: The Influenza Hospitalization Surveillance Network (FluSurv-NET) conducts population-based surveillance for laboratory-confirmed influenza-related hospitalizations in children younger than 18 years of age (since the 2003-2004 influenza season) and adults (since the 2005-2006 influenza season).

The FluSurv-NET covers more than 70 counties in the 10 Emerging Infections Program (EIP) states (CA, CO, CT, GA, MD, MN, NM, NY, OR, and TN) and additional Influenza Hospitalization Surveillance Project (IHSP) states. The IHSP began during the 2009-2010 season to enhance surveillance during the 2009 H1N1 pandemic. IHSP sites included IA, ID, MI, OK and SD during the 2009-2010 season; ID, MI, OH, OK, RI, and UT during the 2010-2011 season; MI, OH, RI, and UT during the 2011-2012 season; IA, MI, OH, RI, and UT during the 2012-2013 season; and MI, OH, and UT during the 2013-2014 and 2014-2015 seasons.

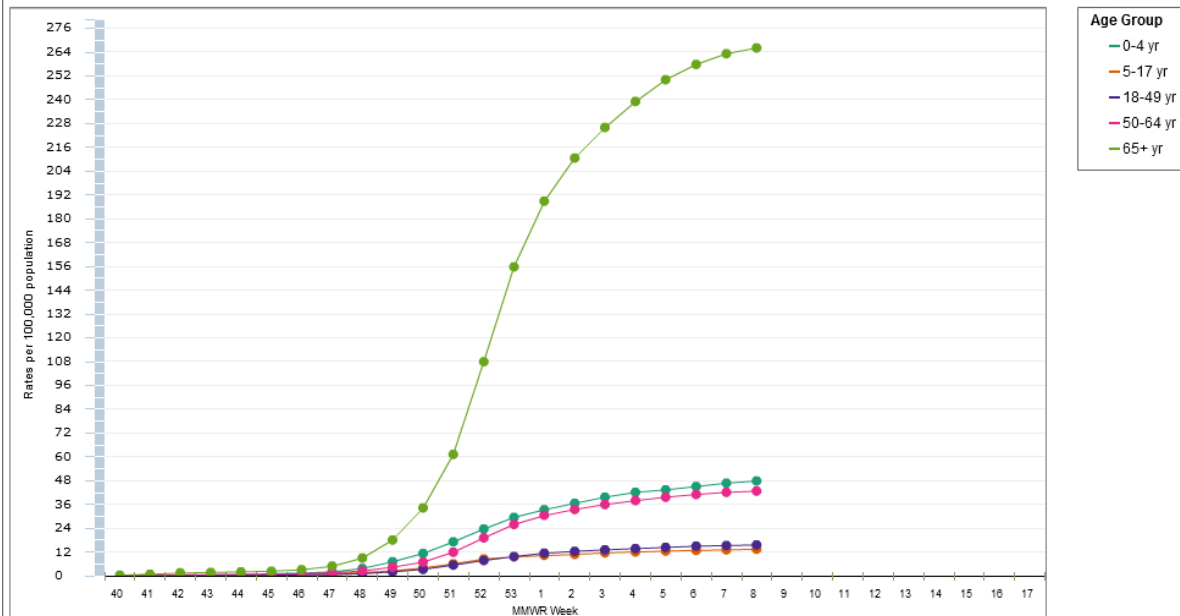
Data gathered are used to estimate age-specific hospitalization rates on a weekly basis, and describe characteristics of persons hospitalized with severe influenza illness. The rates provided are likely to be an underestimate as influenza-related hospitalizations can be missed, either because testing is not performed, or because cases may be attributed to other causes of pneumonia or other common influenza-related complications.

Between October 1, 2014 and February 28, 2015, 14,644 laboratory-confirmed influenza-associated hospitalizations were reported. The overall hospitalization rate was 53.5 per 100,000 population. The highest rate of hospitalization was among adults aged ≥ 65 years (266.1 per 100,000 population), followed by children aged 0-4 years (47.8 per 100,000 population). Among all hospitalizations, 13,778 (94.2%) were associated with influenza A, 739 (5.0%) with influenza B, 54 (0.4%) with influenza A and B co-infection, and 61 (0.4%) had no virus type information. Among those with influenza A subtype information, 4,245 (99.7%) were A(H3N2) and 12 (0.3%) were A(H1N1)pdm09.

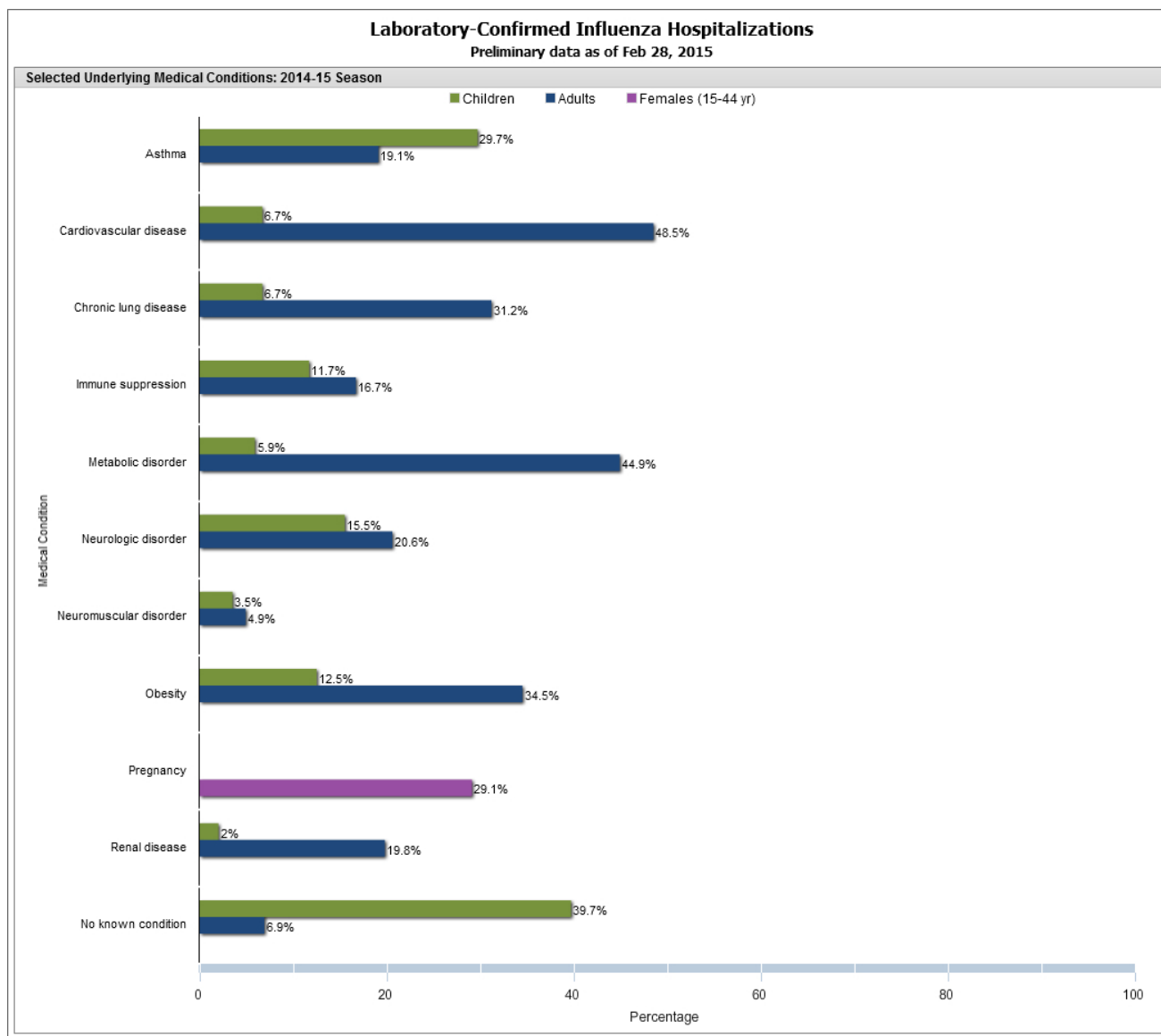
Clinical findings are preliminary and based on 3,439 (23.5%) cases with complete medical chart abstraction. The majority (93.1%) of hospitalized adults had at least one reported underlying medical condition; the most commonly reported were cardiovascular disease, metabolic disorders, and obesity. There were 489 hospitalized children with complete medical chart abstraction, 194 (39.7%) had no identified underlying medical conditions. The most commonly reported underlying medical conditions among pediatric patients were asthma, neurologic disorders, obesity, and immune suppression. Among the 278 hospitalized women of childbearing age (15-44 years), 81 were pregnant.

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>.

Laboratory-Confirmed Influenza Hospitalizations Preliminary rates as of Feb 28, 2015



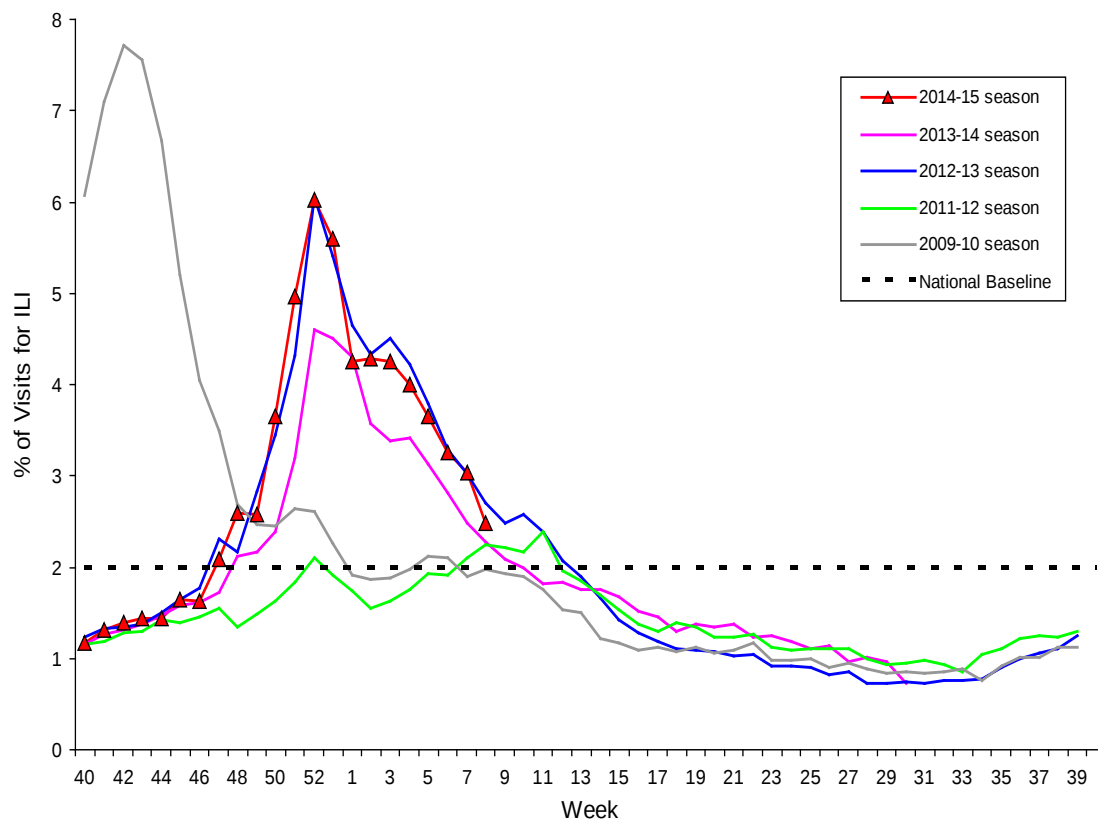
Data from the Influenza Hospitalization Surveillance Network (FluSurv-NET), a population-based surveillance for influenza related hospitalizations in children and adults in 13 U.S. states. Cumulative incidence rates are calculated using the National Center for Health Statistics' (NCHS) population estimates for the counties included in the surveillance catchment area.



FluSurv-NET data are preliminary and displayed as they become available. Therefore, figures are based on varying denominators as some variables represent information that may require more time to be collected. Data are refreshed and updated weekly. Asthma includes a medical diagnosis of asthma or reactive airway disease; Cardiovascular diseases include conditions such as coronary heart disease, cardiac valve disorders, congestive heart failure, and pulmonary hypertension; does not include isolated hypertension; Chronic lung diseases include conditions such as chronic obstructive pulmonary disease, bronchiolitis obliterans, chronic aspiration pneumonia, and interstitial lung disease; Immune suppression includes conditions such as immunoglobulin deficiency, leukemia, lymphoma, HIV/AIDS, and individuals taking immunosuppressive medications; Metabolic disorders include conditions such as diabetes mellitus; Neurologic diseases include conditions such as seizure disorders, cerebral palsy, and cognitive dysfunction; Neuromuscular diseases include conditions such as multiple sclerosis and muscular dystrophy; Obesity was assigned if indicated in patient's medical chart or if body mass index (BMI) $>30 \text{ kg/m}^2$; Pregnancy percentage calculated using number of female cases aged between 15 and 44 years of age as the denominator; Renal diseases include conditions such as acute or chronic renal failure, nephrotic syndrome, glomerulonephritis, and impaired creatinine clearance; No known condition indicates that the case did not have any known high risk medical condition indicated in medical chart at the time of hospitalization.

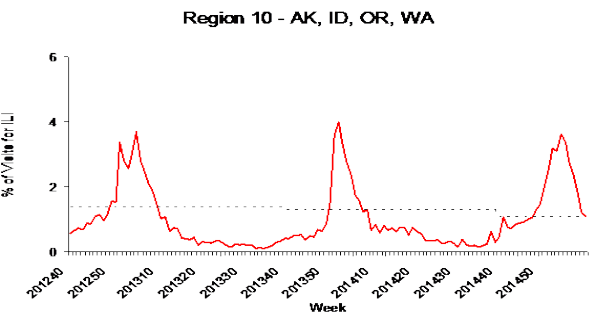
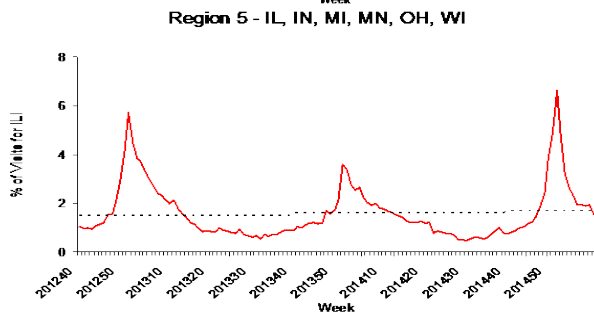
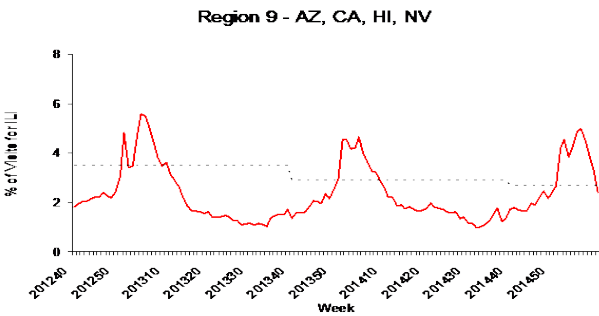
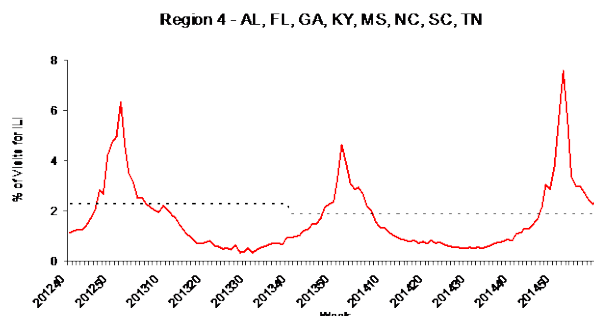
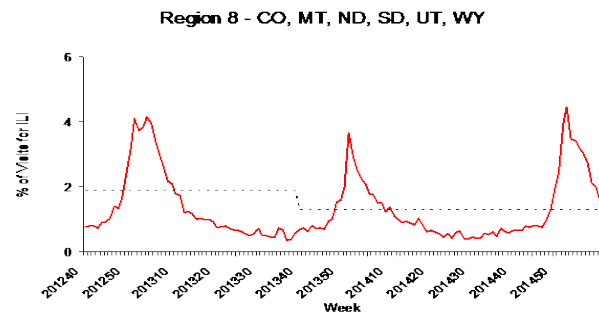
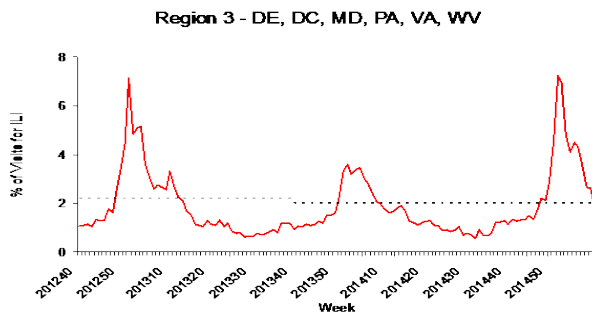
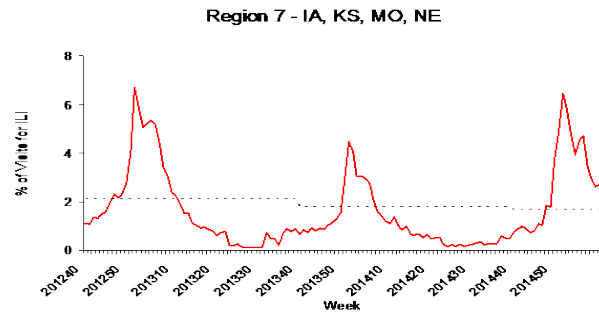
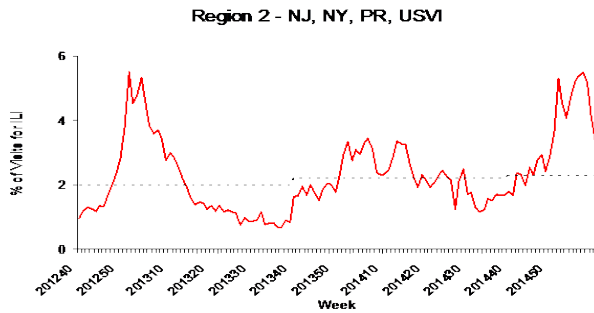
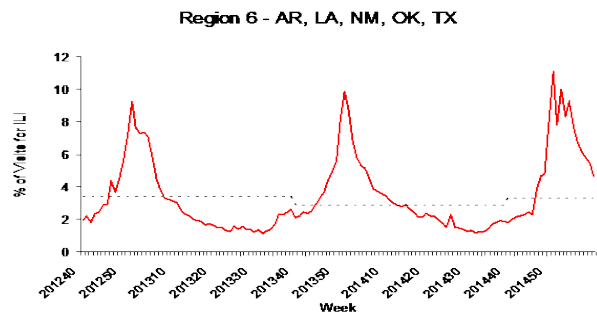
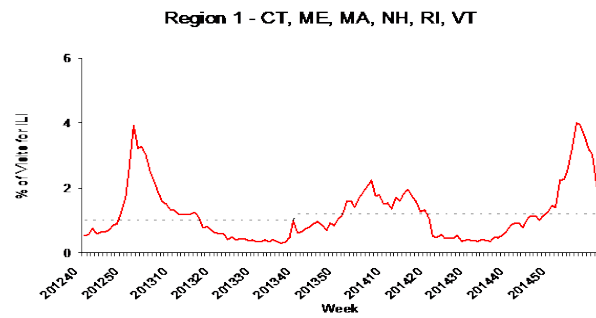
Outpatient Illness Surveillance: Nationwide during week 8, 2.5% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is above the national baseline of 2.0%. (*ILI is defined as fever (temperature of 100°F [37.8°C] or greater) and cough and/or sore throat.*)

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), Weekly National Summary, 2014-2015 and Selected Previous Seasons



There was no week 53 in the previous influenza seasons displayed above; therefore the week 53 data point for those seasons is an average of weeks 52 and 1.

On a regional level, the percentage of outpatient visits for ILI ranged from 1.1% to 4.7% during week 8. Seven regions (Regions 1, 2, 4, 6, 7, 8, and 10) reported a proportion of outpatient visits for ILI at or above their region-specific baseline levels.



NOTE: Scales differ between regions

— % ILI

..... Baseline*

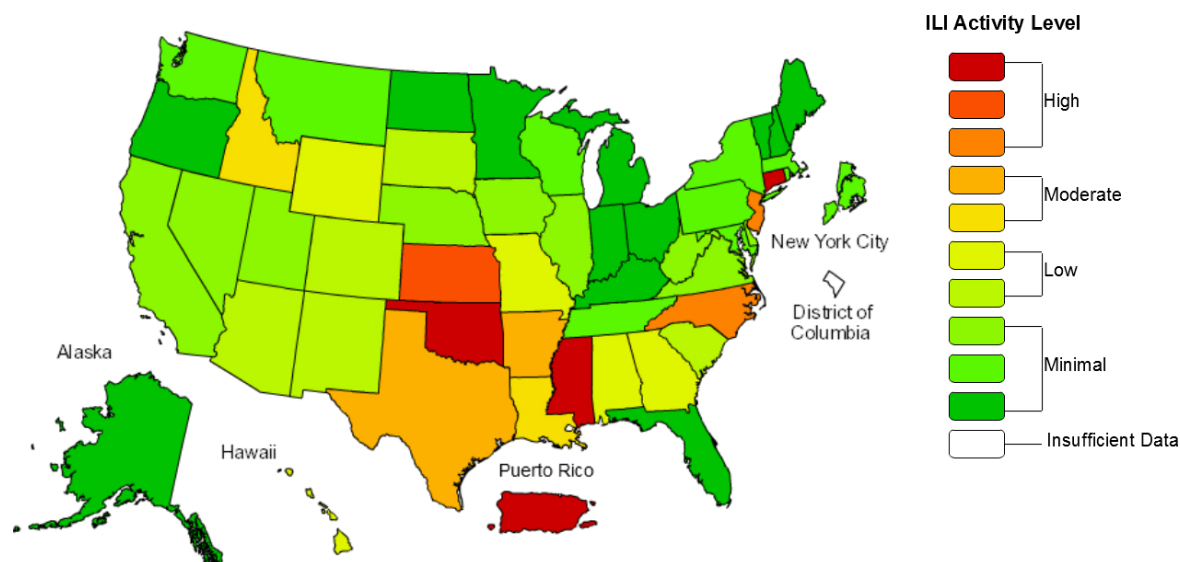
*Use of the regional baselines for state data is not appropriate.

ILINet Activity Indicator Map: Data collected in ILINet are used to produce a measure of ILI activity* by state. Activity levels are based on the percent of outpatient visits in a state due to ILI and are compared to the average percent of ILI visits that occur during weeks with little or no influenza virus circulation. Activity levels range from minimal, which would correspond to ILI activity from outpatient clinics being below or only slightly above the average, to high, which would correspond to ILI activity from outpatient clinics being much higher than average.

During week 8, the following ILI activity levels were experienced:

- Puerto Rico and six states (Connecticut, Kansas, Mississippi, New Jersey, North Carolina, and Oklahoma) experienced high ILI activity.
- Four states (Arkansas, Idaho, Louisiana, and Texas) experienced moderate ILI activity.
- Ten states (Alabama, Arizona, Colorado, Georgia, Hawaii, Missouri, New Mexico, South Carolina, South Dakota, and Wyoming) experienced low ILI activity.
- New York City and 30 states (Alaska, California, Delaware, Florida, Illinois, Indiana, Iowa, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Montana, Nebraska, Nevada, New Hampshire, New York, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, Tennessee, Utah, Vermont, Virginia, Washington, West Virginia, and Wisconsin) experienced minimal ILI activity.
- Data were insufficient to calculate an ILI activity level from the District of Columbia.

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2014-15 Influenza Season Week 8 ending Feb 28, 2015



*This map uses the proportion of outpatient visits to health care providers for influenza-like illness to measure the ILI activity level within a state. It does not, however, measure the extent of geographic spread of flu within a state. Therefore, outbreaks occurring in a single city could cause the state to display high activity levels.

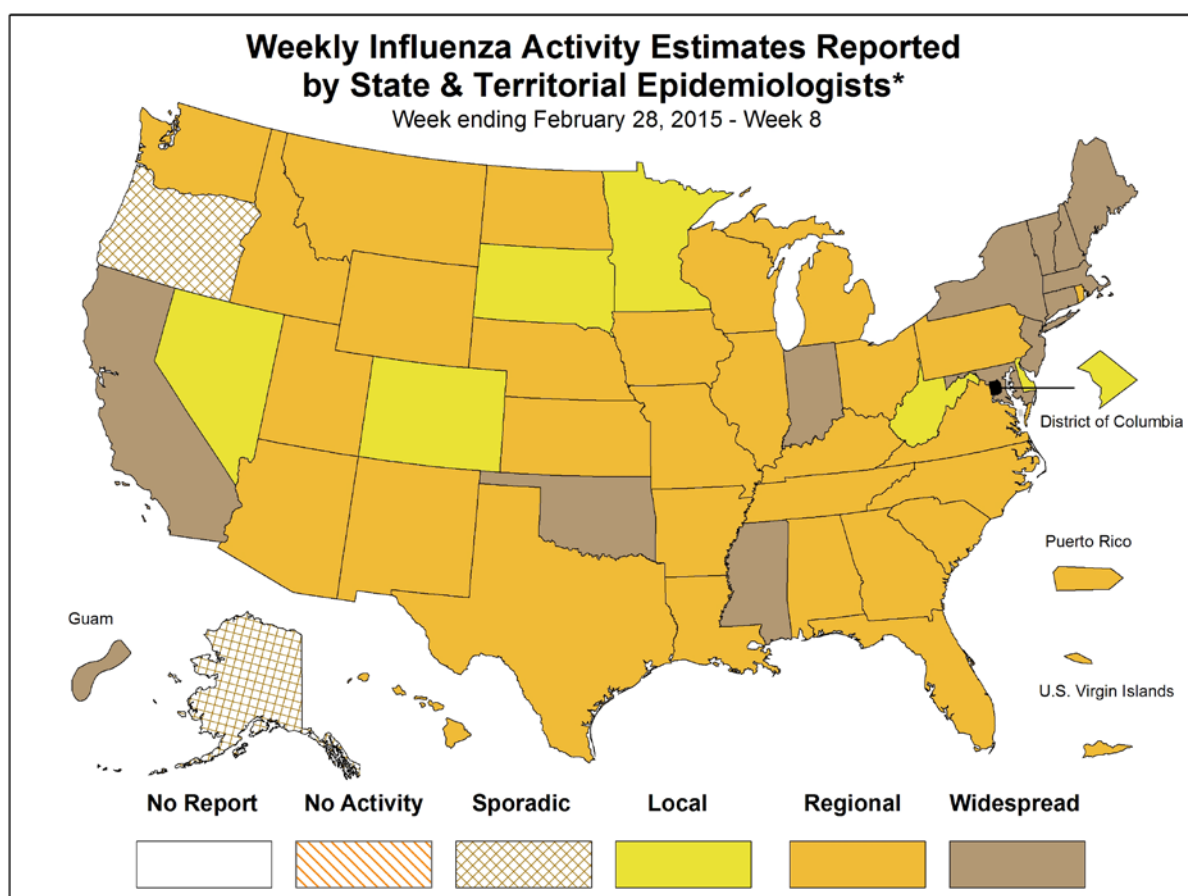
Data collected in ILINet may disproportionately represent certain populations within a state, and therefore, may not accurately depict the full picture of influenza activity for the whole state.

Data displayed in this map are based on data collected in ILINet, whereas the State and Territorial flu activity map is based on reports from state and territorial epidemiologists. The data presented in this map is preliminary and may change as more data is received. Differences in the data presented here by CDC and independently by some state health departments likely represent differing levels of data completeness with data presented by the state likely being the more complete.

Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists: The influenza activity reported by state and territorial epidemiologists indicates geographic spread of influenza viruses, but does not measure the severity of influenza activity.

During week 8, the following influenza activity was reported:

- Widespread influenza activity was reported by Guam and 12 states (California, Connecticut, Indiana, Maine, Maryland, Massachusetts, Mississippi, New Hampshire, New Jersey, New York, Oklahoma, and Vermont).
- Regional influenza activity was reported by Puerto Rico, the U.S. Virgin Islands, and 30 states (Alabama, Arizona, Arkansas, Florida, Georgia, Hawaii, Idaho, Illinois, Iowa, Kansas, Kentucky, Louisiana, Michigan, Missouri, Montana, Nebraska, New Mexico, North Carolina, North Dakota, Ohio, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Utah, Virginia, Washington, Wisconsin, and Wyoming).
- Local activity was reported by the District of Columbia and six states (Colorado, Delaware, Minnesota, Nevada, South Dakota, and West Virginia).
- Sporadic activity was reported by two states (Alaska and Oregon).



* This map indicates geographic spread & does not measure the severity of influenza activity

Additional National and International Influenza Surveillance Information

FluView Interactive: 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 make 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 United States 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](#), the [United Kingdom](#), and the [United States](#) (CDC in Atlanta, Georgia).

Europe: WHO/Europe at <http://www.flunewseurope.org/> and 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/>.

Public Health England: The most up-to-date influenza information from the United Kingdom is available at <https://www.gov.uk/government/statistics/weekly-national-flu-reports>.

Any links provided to non-Federal organizations are provided solely as a service to our users. These links do not constitute an endorsement of these organizations or their programs by CDC or the Federal Government, and none should be inferred. CDC is not responsible for the content of the individual organization web pages found at these links.

An overview of influenza surveillance, including a description of the NCHS mortality surveillance data, is available at: <http://www.cdc.gov/flu/weekly/overview.htm>.

Report prepared: March 6, 2015.

WHO Collaborating Laboratory Reports 2014-2015 Influenza Season

National Summary

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	278	9539	308	3.23	2	98	0	99	109
201441	278	10973	439	4.00	6	124	0	149	160
201442	278	11550	581	5.03	7	225	1	186	162
201443	277	11238	539	4.80	5	206	0	201	127
201444	277	11467	723	6.31	4	286	0	298	135
201445	277	12778	1135	8.88	6	476	0	499	154
201446	278	13590	1368	10.07	8	585	0	628	147
201447	278	15934	2319	14.55	5	923	0	1231	160
201448	279	18263	3529	19.32	9	1450	0	1872	198
201449	283	22670	5153	22.73	15	2429	0	2464	245
201450	282	28586	7866	27.52	11	3582	0	3963	310
201451	283	36251	11000	30.34	16	4674	0	5994	316
201452	281	41486	13206	31.83	14	5117	0	7697	378
201453	280	40280	10886	27.03	9	4895	0	5585	397
201501	279	37176	8750	23.54	10	4524	0	3865	351
201502	278	34264	8016	23.39	6	4106	0	3464	440
201503	276	32558	7209	22.14	4	3340	0	3367	498
201504	273	30123	6040	20.05	8	2858	0	2641	533
201505	274	27762	4932	17.77	8	2220	0	2053	651
201506	272	25307	3696	14.60	6	1396	0	1506	788
201507	259	21342	2745	12.86	9	905	0	999	832
201508	224	16821	1834	10.90	11	524	0	593	706
Total	.	509958	102274	20.06	179	44943	1	49354	7797

Region 1 (CT, ME, MA, NH, RI, VT)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	20	436	11	2.52	0	4	0	6	1
201441	21	471	5	1.06	0	2	0	2	1
201442	21	507	9	1.78	0	5	0	2	2
201443	21	480	4	0.83	1	1	0	1	1
201444	21	475	7	1.47	0	2	0	2	3
201445	21	545	7	1.28	0	4	0	0	3
201446	19	494	7	1.42	0	2	0	2	3
201447	21	572	12	2.10	0	9	0	2	1
201448	20	499	31	6.21	0	22	0	9	0
201449	20	701	51	7.28	0	32	0	17	2
201450	21	823	108	13.12	0	63	0	43	2
201451	21	1142	190	16.64	0	112	0	73	5
201452	21	1342	319	23.77	1	181	0	137	0
201453	21	1723	351	20.37	0	186	0	154	11
201501	21	2167	465	21.46	2	251	0	206	6
201502	23	2482	692	27.88	1	346	0	329	16
201503	22	2662	831	31.22	0	376	0	436	19
201504	21	2565	737	28.73	1	319	0	392	25
201505	23	2406	630	26.18	0	295	0	314	21
201506	21	2070	460	22.22	1	198	0	228	33
201507	21	1689	283	16.76	0	108	0	142	33
201508	17	1289	215	16.68	0	73	0	108	34
Total	.	27540	5425	19.70	7	2591	0	2605	222

Region 2 (NJ, NY, PR)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	25	1154	19	1.65	1	12	0	1	5
201441	25	1195	34	2.85	3	19	0	7	5
201442	26	1265	45	3.56	1	30	0	5	9
201443	26	1145	27	2.36	1	23	0	1	2
201444	24	1173	27	2.30	3	15	0	3	6
201445	24	1249	34	2.72	2	18	0	7	7
201446	24	1296	46	3.55	8	19	0	9	10
201447	25	1326	52	3.92	5	34	0	11	2
201448	25	1293	67	5.18	1	36	0	24	6
201449	27	1584	163	10.29	6	68	0	85	4
201450	27	1919	280	14.59	1	99	0	169	11
201451	27	2660	524	19.70	2	187	0	330	5
201452	29	3221	940	29.18	1	334	0	596	9
201453	26	3650	1019	27.92	0	343	0	663	13
201501	26	3962	920	23.22	2	349	0	555	14
201502	25	3668	853	23.26	4	377	0	450	22
201503	25	3808	1040	27.31	0	474	0	546	20
201504	26	3577	927	25.92	2	406	0	499	20
201505	26	3257	767	23.55	2	338	0	386	41
201506	25	3016	604	20.03	2	250	0	300	52
201507	25	2625	462	17.60	3	207	0	198	54
201508	19	2136	262	12.27	3	99	0	117	43
Total	.	50179	9112	18.16	53	3737	0	4962	360

Region 3 (DE, DC, MD, PA, VA, WV)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	26	758	12	1.58	0	5	0	3	4
201441	26	978	12	1.23	0	3	0	3	6
201442	27	972	24	2.47	1	15	0	5	3
201443	26	960	23	2.40	0	7	0	6	10
201444	26	939	37	3.94	0	16	0	12	9
201445	28	1068	36	3.37	0	19	0	11	6
201446	27	1088	52	4.78	0	35	0	11	6
201447	26	1146	121	10.56	0	77	0	34	10
201448	28	1402	208	14.84	0	167	0	35	6
201449	30	1774	325	18.32	1	236	0	78	10
201450	28	2124	549	25.85	1	388	0	147	13
201451	27	3186	1017	31.92	0	678	0	322	17
201452	28	4740	1667	35.17	1	769	0	878	19
201453	27	5570	1834	32.93	1	935	0	855	43
201501	28	4891	1301	26.60	0	682	0	587	32
201502	28	3976	935	23.52	0	484	0	423	28
201503	27	3851	932	24.20	0	466	0	435	31
201504	26	3273	687	20.99	0	363	0	300	24
201505	26	3029	517	17.07	1	271	0	209	36
201506	26	2562	370	14.44	0	177	0	160	33
201507	25	2171	267	12.30	0	117	0	101	49
201508	24	1872	159	8.49	0	67	0	61	31
Total	.	52330	11085	21.18	6	5977	0	4676	426

Region 4 (AL, FL, GA, KY, MS, NC, SC, TN)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	50	2425	144	5.94	0	12	0	65	67
201441	50	3058	208	6.80	0	20	0	95	93
201442	53	3338	275	8.24	0	50	0	132	93
201443	50	3193	229	7.17	1	35	0	128	65
201444	49	3255	272	8.36	0	45	0	158	69
201445	49	3638	426	11.71	1	90	0	261	74
201446	48	3870	444	11.47	0	88	0	281	75
201447	50	4416	624	14.13	0	124	0	431	69
201448	55	5442	971	17.84	0	201	0	695	75
201449	53	5579	1106	19.82	1	327	0	689	89
201450	53	6246	1269	20.32	0	241	0	960	68
201451	53	8536	2165	25.36	0	394	0	1690	81
201452	55	10675	2957	27.70	0	448	0	2373	136
201453	56	8988	1844	20.52	1	357	0	1366	120
201501	53	7018	1068	15.22	1	303	0	667	97
201502	53	5871	839	14.29	1	236	0	502	100
201503	51	5512	725	13.15	0	162	0	446	117
201504	50	5138	586	11.41	0	154	0	341	91
201505	53	4988	545	10.93	1	129	0	296	119
201506	48	4875	491	10.07	1	69	0	261	160
201507	46	4117	420	10.20	0	65	0	190	165
201508	35	3148	307	9.75	1	27	0	113	166
Total	.	113326	17915	15.81	9	3577	0	12140	2189

Region 5 (IL, IN, MI, MN, OH, WI)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	43	985	17	1.73	0	12	0	3	2
201441	43	1107	24	2.17	2	4	0	9	9
201442	42	1212	29	2.39	2	15	1	6	5
201443	42	1141	37	3.24	1	12	0	14	10
201444	41	1264	54	4.27	1	25	0	23	5
201445	42	1456	98	6.73	1	25	0	68	4
201446	42	1779	180	10.12	0	71	0	105	4
201447	44	2223	407	18.31	0	168	0	232	7
201448	43	2750	785	28.55	0	359	0	408	18
201449	46	4231	1392	32.90	1	695	0	663	33
201450	47	6395	2313	36.17	0	1251	0	1023	39
201451	48	7968	2995	37.59	0	1422	0	1525	48
201452	47	7937	2939	37.03	1	1379	0	1530	29
201453	48	6895	2002	29.04	0	1058	0	894	50
201501	45	5472	1170	21.38	0	701	0	443	26
201502	42	4034	588	14.58	0	296	0	259	33
201503	43	3285	380	11.57	0	146	0	196	38
201504	43	2902	277	9.55	2	99	0	130	46
201505	42	2511	231	9.20	0	75	0	97	59
201506	43	2423	201	8.30	0	40	0	81	80
201507	38	2174	148	6.81	0	24	0	39	85
201508	37	2065	195	9.44	1	21	0	39	134
Total	.	72209	16462	22.80	12	7898	1	7787	764

Region 6 (AR, LA, NM, OK, TX)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	29	1007	28	2.78	0	10	0	4	14
201441	28	1221	55	4.50	1	15	0	10	29
201442	27	1436	79	5.50	1	23	0	21	34
201443	29	1454	97	6.67	0	34	0	38	25
201444	30	1433	146	10.19	0	63	0	59	24
201445	31	1606	259	16.13	0	119	0	100	40
201446	30	1860	364	19.57	0	165	0	167	32
201447	30	2685	714	26.59	0	236	0	427	51
201448	31	3035	871	28.70	1	258	0	541	71
201449	31	3765	1042	27.68	2	334	0	628	78
201450	31	4707	1482	31.49	6	412	0	934	130
201451	31	4651	1520	32.68	12	426	0	973	109
201452	33	4560	1455	31.91	4	369	0	991	91
201453	29	3882	1074	27.67	0	359	0	644	71
201501	30	3729	877	23.52	0	355	0	448	74
201502	33	3730	995	26.68	0	358	0	544	93
201503	28	3722	881	23.67	0	316	0	434	131
201504	28	3508	703	20.04	0	282	0	283	138
201505	29	2946	492	16.70	0	130	0	206	156
201506	29	2860	452	15.80	0	90	0	159	203
201507	25	1883	282	14.98	1	41	0	65	175
201508	19	1286	141	10.96	0	16	0	37	88
Total	.	60966	14009	22.98	28	4411	0	7713	1857

Region 7 (IA, KS, MO, NE)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	20	656	9	1.37	0	0	0	6	3
201441	19	695	11	1.58	0	5	0	5	1
201442	21	662	16	2.42	0	8	0	3	5
201443	20	633	13	2.05	0	7	0	2	4
201444	21	653	17	2.60	0	10	0	0	7
201445	20	736	40	5.43	1	19	0	13	7
201446	22	762	53	6.96	0	16	0	30	7
201447	21	1001	115	11.49	0	60	0	51	4
201448	19	1122	185	16.49	1	99	0	79	6
201449	22	1386	256	18.47	2	155	0	91	8
201450	23	1855	524	28.25	2	258	0	252	12
201451	24	2157	556	25.78	0	246	0	298	12
201452	21	2204	570	25.86	0	180	0	361	29
201453	22	2238	474	21.18	0	172	0	287	15
201501	22	2006	378	18.84	2	148	0	215	13
201502	22	1834	332	18.10	0	110	0	205	17
201503	22	1674	264	15.77	0	80	0	166	18
201504	21	1543	230	14.91	0	70	0	124	36
201505	19	1392	123	8.84	0	31	0	62	30
201506	19	1186	108	9.11	0	34	0	37	37
201507	18	1432	162	11.31	0	14	0	63	85
201508	15	797	60	7.53	0	13	0	9	38
Total	.	28624	4496	15.71	8	1735	0	2359	394

Region 8 (CO, MT, ND, SD, UT, WY)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	20	814	13	1.60	0	5	0	3	5
201441	20	810	8	0.99	0	6	0	2	0
201442	19	711	8	1.13	0	5	0	1	2
201443	20	760	13	1.71	0	4	0	3	6
201444	21	784	24	3.06	0	8	0	14	2
201445	20	784	37	4.72	0	17	0	17	3
201446	20	820	31	3.78	0	23	0	7	1
201447	22	966	95	9.83	0	70	0	18	7
201448	22	1117	205	18.35	3	126	0	70	6
201449	20	1718	495	28.81	1	299	0	188	7
201450	21	2351	879	37.39	1	477	0	387	14
201451	24	3115	1282	41.16	2	567	0	693	20
201452	23	3175	1223	38.52	5	575	0	626	17
201453	20	3232	1076	33.29	5	571	0	468	32
201501	22	2784	794	28.52	1	459	0	308	26
201502	23	2569	567	22.07	0	339	0	191	37
201503	21	2352	451	19.18	1	260	0	144	46
201504	22	2300	361	15.70	0	196	0	89	76
201505	20	2457	374	15.22	0	180	0	86	108
201506	20	2309	262	11.35	1	117	0	43	101
201507	18	2010	226	11.24	2	81	0	27	116
201508	17	1807	182	10.07	4	43	0	24	111
Total	.	39745	8606	21.65	26	4428	0	3409	743

Region 9 (AZ, CA, GU, HI, NV)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	45	927	45	4.85	1	31	0	7	6
201441	46	969	47	4.85	0	21	0	14	12
201442	49	939	46	4.90	2	26	0	10	8
201443	47	933	23	2.47	1	15	0	3	4
201444	46	927	73	7.87	0	45	0	19	9
201445	46	1041	39	3.75	0	26	0	4	9
201446	48	955	46	4.82	0	35	0	6	5
201447	47	932	55	5.90	0	46	0	5	4
201448	49	1002	97	9.68	1	85	0	8	3
201449	48	1150	190	16.52	1	160	0	19	10
201450	47	1316	240	18.24	0	195	0	37	8
201451	49	1640	357	21.77	0	284	0	64	9
201452	50	2232	646	28.94	0	468	0	150	28
201453	53	2524	725	28.72	2	532	0	166	25
201501	48	3251	1216	37.40	2	849	0	325	40
201502	46	3991	1593	39.91	0	1050	0	474	69
201503	46	3801	1255	33.02	3	709	0	487	56
201504	45	3655	1189	32.53	2	706	0	426	55
201505	48	3181	968	30.43	3	552	0	345	68
201506	45	2836	623	21.97	0	342	0	211	70
201507	44	2234	420	18.80	2	202	0	160	56
201508	39	1616	256	15.84	2	126	0	81	47
Total	.	42052	10149	24.13	22	6505	0	3021	601

Region 10 (AK, ID, OR, WA)

CDC Week	Labs Reporting	Specimens Tested	Influenza Positive	% Positive	A(2009 H1N1)	A(H3)	H3N2v	A-Unk	B
201440	14	377	10	2.65	0	7	0	1	2
201441	14	469	35	7.46	0	29	0	2	4
201442	13	508	50	9.84	0	48	0	1	1
201443	13	539	73	13.54	0	68	0	5	0
201444	14	564	66	11.70	0	57	0	8	1
201445	14	655	159	24.27	1	139	0	18	1
201446	14	666	145	21.77	0	131	0	10	4
201447	14	667	124	18.59	0	99	0	20	5
201448	15	601	109	18.14	2	97	0	3	7
201449	14	782	133	17.01	0	123	0	6	4
201450	16	850	222	26.12	0	198	0	11	13
201451	15	1196	394	32.94	0	358	0	26	10
201452	18	1400	490	35.00	1	414	0	55	20
201453	14	1578	487	30.86	0	382	0	88	17
201501	14	1896	561	29.59	0	427	0	111	23
201502	14	2109	622	29.49	0	510	0	87	25
201503	14	1891	450	23.80	0	351	0	77	22
201504	15	1662	343	20.64	1	263	0	57	22
201505	14	1595	285	17.87	1	219	0	52	13
201506	14	1170	125	10.68	1	79	0	26	19
201507	14	1007	75	7.45	1	46	0	14	14
201508	11	805	57	7.08	0	39	0	4	14
Total	.	22987	5015	21.82	8	4084	0	682	241

PNEUMONIA AND INFLUENZA MORTALITY
(Reported from 122 U.S. Cities)
For the Week Ending February 28, 2015
(Week 8)

YEAR	WEEK	% OF DEATHS	EXPECTED	THRESH.	TOTAL DEATHS	PNEUMONIA DEATHS	INFLUENZA DEATHS
2014	40	5.50	5.56	5.92	11428	628	1
2014	41	5.47	5.62	5.98	11375	620	2
2014	42	5.34	5.68	6.04	10642	568	0
2014	43	5.52	5.76	6.11	11222	618	1
2014	44	5.65	5.83	6.19	11405	642	2
2014	45	5.96	5.91	6.27	11469	680	3
2014	46	4.98	6.00	6.36	11384	565	2
2014	47	5.30	6.09	6.44	11972	630	5
2014	48	5.50	6.17	6.53	8986	492	2
2014	49	5.93	6.26	6.62	13304	782	7
2014	50	6.04	6.35	6.71	12343	731	15
2014	51	6.78	6.43	6.79	12671	834	25
2014	52	6.72	6.51	6.87	9509	605	34
2014	53	7.16	6.58	6.94	11027	719	71
2015	1	8.46	6.65	7.01	15367	1138	162
2015	2	9.25	6.71	7.07	14675	1175	182
2015	3	9.11	6.76	7.12	13638	1087	156
2015	4	8.51	6.80	7.16	14101	1068	132
2015	5	8.05	6.84	7.19	13494	977	109
2015	6	8.36	6.86	7.21	13111	992	104
2015	7	7.37	6.87	7.23	11675	796	65
2015	8	7.17	6.87	7.23	13411	906	56

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
National (Baseline: 2.0%)
Data as of Friday, March 6, 2015**

<i>CDC Week</i>	<i># Sites Reporting</i>	<i>ILI 0-4 years</i>	<i>ILI 5-24 years</i>	<i>ILI 25-49 years</i>	<i>ILI 50-64 years</i>	<i>ILI 65 years and older</i>	<i>Total ILI</i>	<i>Total Patient Visits</i>	<i>% Unweighted ILI</i>	<i>% Weighted ILI</i>
201440	1969	2941	4032	2040	721	525	10259	843857	1.22	1.17
201441	1996	3029	4469	2167	840	545	11050	832627	1.33	1.32
201442	2032	3437	4758	2365	875	567	12002	846111	1.42	1.39
201443	2041	3414	4972	2496	903	532	12317	861726	1.43	1.44
201444	2085	3592	5123	2305	808	524	12352	856342	1.44	1.44
201445	2083	4225	5813	2394	878	601	13911	860920	1.62	1.64
201446	2015	4366	5781	2304	913	580	13944	845763	1.65	1.63
201447	2076	4732	7421	3006	1075	644	16878	832443	2.03	2.09
201448	2086	5425	6931	3388	1185	883	17812	670476	2.66	2.59
201449	2115	6127	9135	4713	1797	1230	23002	876633	2.62	2.57
201450	2087	7397	13195	5378	1998	1456	29424	851482	3.46	3.66
201451	2023	9223	16438	7016	2696	2107	37480	832863	4.50	4.96
201452	1980	10232	13857	8939	3698	3517	40243	655408	6.14	6.03
201453	1984	9859	9530	9441	4328	4128	37286	692362	5.39	5.59
201501	1945	7052	9513	8135	3640	3029	31369	766524	4.09	4.26
201502	1941	6872	11818	7002	2913	2296	30901	776737	3.98	4.29
201503	1934	7493	13558	6497	2956	2003	32507	787188	4.13	4.25
201504	1909	6776	12708	5850	2553	1894	29781	772216	3.86	4.00
201505	1877	6237	11571	5320	2365	1648	27141	789448	3.44	3.65
201506	1803	5851	9505	4777	2046	1474	23653	784846	3.01	3.26
201507	1704	5015	7536	4141	1752	1137	19581	680337	2.88	3.03
201508	1514	3959	5919	3572	1480	981	15911	660206	2.41	2.49
<i>Totals</i>							<i>498804</i>	<i>17376515</i>		

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 1 (CT, ME, MA, NH, RI, and VT) (Baseline: 1.2%)
Data as of Friday, March 6, 2015

<i>CDC Week</i>	<i># Sites Reporting</i>	<i>ILI 0-4 years</i>	<i>ILI 5-24 years</i>	<i>ILI 25-49 years</i>	<i>ILI 50-64 years</i>	<i>ILI 65 years and older</i>	<i>Total ILI</i>	<i>Total Patient Visits</i>	<i>% Unweighted ILI</i>	<i>% Weighted ILI</i>
201440	145	101	185	44	13	9	352	51419	0.68	0.86
201441	151	109	199	37	24	17	386	51169	0.75	0.91
201442	148	81	192	53	21	9	356	45797	0.78	0.92
201443	153	84	165	47	20	14	330	52589	0.63	0.79
201444	157	115	218	55	30	15	433	53504	0.81	1.04
201445	161	145	256	54	24	19	498	58836	0.85	1.14
201446	154	129	226	53	31	24	463	52595	0.88	1.13
201447	154	148	174	64	27	12	425	52399	0.81	1.00
201448	154	134	132	49	23	20	358	35524	1.01	1.16
201449	159	152	243	78	33	28	534	53318	1.00	1.24
201450	153	179	273	67	34	41	594	49650	1.20	1.46
201451	151	211	250	69	31	39	600	48208	1.24	1.39
201452	148	226	200	91	54	57	628	30886	2.03	2.24
201453	146	239	173	108	69	74	663	33708	1.97	2.28
201501	148	240	334	148	91	76	889	46060	1.93	2.57
201502	149	305	567	197	97	82	1248	48122	2.59	3.22
201503	155	459	942	236	132	121	1890	50052	3.78	4.00
201504	152	318	865	176	92	55	1506	42910	3.51	3.93
201505	150	263	764	172	102	55	1356	43085	3.15	3.60
201506	146	209	591	128	89	53	1070	42424	2.52	3.19
201507	136	156	454	101	74	59	844	38066	2.22	3.02
201508	118	98	229	125	80	57	589	39635	1.49	2.04
<i>Totals</i>							<i>16012</i>	<i>1019956</i>		

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 2 (NJ, NY, PR, and USVI) (Baseline: 2.3%)
Data as of Friday, March 6, 2015

CDC Week	# Sites Reporting	ILI 0-4 years	ILI 5-24 years	ILI 25-49 years	ILI 50-64 years	ILI 65 years and older	Total ILI	Total Patient Visits	% Unweighted ILI	% Weighted ILI
201440	284	872	758	362	157	109	2258	136761	1.65	1.79
201441	273	837	677	348	151	115	2128	131830	1.61	1.68
201442	288	995	862	461	184	110	2612	132218	1.98	2.35
201443	291	930	969	457	156	104	2616	133222	1.96	2.33
201444	297	1020	876	354	140	89	2479	132925	1.86	1.99
201445	295	1217	933	359	150	111	2770	132937	2.08	2.54
201446	262	1111	830	327	168	82	2518	129130	1.95	2.30
201447	296	1194	892	394	194	105	2779	127464	2.18	2.77
201448	301	1268	855	392	154	104	2773	113030	2.45	2.94
201449	302	1448	1068	421	192	113	3242	138942	2.33	2.42
201450	281	1403	1117	510	209	122	3361	131378	2.56	2.89
201451	283	1471	1437	552	239	176	3875	133897	2.89	3.62
201452	281	1727	1648	640	274	188	4477	115726	3.87	5.30
201453	252	1795	1220	811	321	299	4446	116683	3.81	4.57
201501	212	1362	1318	846	378	289	4193	126603	3.31	4.07
201502	213	1263	1831	864	387	304	4649	126699	3.67	4.72
201503	207	1437	2308	804	391	252	5192	129900	4.00	5.19
201504	199	1155	1953	731	319	247	4405	114397	3.85	5.38
201505	194	1072	1891	702	310	192	4167	112466	3.71	5.49
201506	185	1022	1710	655	262	183	3832	113907	3.36	5.16
201507	173	835	1058	545	241	158	2837	103877	2.73	4.17
201508	136	691	816	499	192	136	2334	105095	2.22	3.39
<i>Totals</i>							73943	2739087		

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 3 (DE, DC, MD, PA, VA, and WV) (Baseline: 2.0%)
Data as of Friday, March 6, 2015**

CDC Week	# Sites Reporting	ILI 0-4 years	ILI 5-24 years	ILI 25-49 years	ILI 50-64 years	ILI 65 years and older	Total ILI	Total Patient Visits	% Unweighted ILI	% Weighted ILI
201440	243	395	627	451	126	90	1689	129304	1.31	1.14
201441	239	404	664	462	131	75	1736	113175	1.53	1.33
201442	233	415	714	446	147	87	1809	118477	1.53	1.27
201443	244	490	706	458	156	84	1894	127899	1.48	1.31
201444	244	494	727	452	129	82	1884	123547	1.52	1.32
201445	248	552	756	421	143	131	2003	129307	1.55	1.48
201446	252	603	730	446	166	88	2033	131835	1.54	1.33
201447	250	572	767	477	144	101	2061	116527	1.77	1.65
201448	241	639	793	493	160	118	2203	99538	2.21	2.20
201449	244	692	1035	741	258	154	2880	127693	2.26	2.10
201450	247	910	1560	1014	342	238	4064	131917	3.08	2.86
201451	250	1247	2820	1669	567	374	6677	134780	4.95	4.51
201452	243	2021	3822	3468	1268	1178	11757	130886	8.98	7.24
201453	251	1922	2464	3440	1528	1517	10871	134360	8.09	6.93
201501	250	1186	1990	2510	1059	986	7731	132256	5.85	4.84
201502	257	1106	1915	1855	694	577	6147	131090	4.69	4.09
201503	260	945	2162	1594	815	448	5964	131686	4.53	4.51
201504	255	1011	2061	1455	577	452	5556	128796	4.31	4.29
201505	250	915	1776	1295	512	330	4828	146159	3.30	3.48
201506	250	836	1540	1043	443	304	4166	150750	2.76	2.64
201507	225	649	956	824	303	213	2945	115946	2.54	2.62
201508	230	492	673	693	298	154	2310	131092	1.76	1.84
<i>Totals</i>							93208	2817020		

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 4 (AL, FL, GA, KY, MS, NC, SC, and TN) (Baseline: 1.9%)
Data as of Friday, March 6, 2015**

CDC Week	# Sites Reporting	ILI 0-4 years	ILI 5-24 years	ILI 25-49 years	ILI 50-64 years	ILI 65 years and older	Total ILI	Total Patient Visits	% Unweighted ILI	% Weighted ILI
201440	303	333	536	187	80	46	1182	130118	0.91	0.82
201441	309	357	774	249	74	64	1518	130851	1.16	1.11
201442	308	330	694	242	80	45	1391	133363	1.04	1.12
201443	293	386	742	292	132	48	1600	132250	1.21	1.32
201444	318	354	902	256	94	50	1656	135275	1.22	1.31
201445	305	498	975	316	119	51	1959	128557	1.52	1.49
201446	312	549	1192	340	138	64	2283	131123	1.74	1.69
201447	315	650	1770	499	168	76	3163	137264	2.30	2.19
201448	306	800	1402	542	242	145	3131	101105	3.10	3.06
201449	310	826	1749	830	322	210	3937	125903	3.13	2.88
201450	314	1408	2907	872	322	216	5725	127947	4.47	3.75
201451	298	2024	3983	1352	574	460	8393	129683	6.47	5.71
201452	293	2175	2888	1642	745	712	8162	99414	8.21	7.56
201453	308	1733	1732	1296	693	662	6116	107658	5.68	5.53
201501	299	1093	1497	1040	499	403	4532	124597	3.64	3.36
201502	295	966	1712	725	335	247	3985	124532	3.20	3.00
201503	292	1048	1776	670	307	210	4011	123992	3.23	2.98
201504	287	879	1782	598	247	181	3687	118679	3.11	2.70
201505	283	844	1758	572	269	193	3636	134034	2.71	2.42
201506	249	725	1285	572	235	180	2997	122733	2.44	2.28
201507	245	709	1323	535	225	140	2932	97191	3.02	2.44
201508	215	606	1152	498	236	173	2665	85868	3.10	2.33
<i>Totals</i>							78661	2682137		

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 5 (IL, IN, MI, MN, OH, and WI) (Baseline: 1.7%)
Data as of Friday, March 6, 2015

<i>CDC Week</i>	<i># Sites Reporting</i>	<i>ILI 0-4 years</i>	<i>ILI 5-24 years</i>	<i>ILI 25-49 years</i>	<i>ILI 50-64 years</i>	<i>ILI 65 years and older</i>	<i>Total ILI</i>	<i>Total Patient Visits</i>	<i>% Unweighted ILI</i>	<i>% Weighted ILI</i>
201440	266	358	400	181	80	64	1083	106896	1.01	0.74
201441	277	339	443	182	105	48	1117	107731	1.04	0.81
201442	281	402	472	190	100	65	1229	108512	1.13	0.88
201443	284	394	506	248	101	84	1333	111956	1.19	1.00
201444	290	456	558	240	122	65	1441	116089	1.24	1.04
201445	288	490	705	249	106	76	1626	114968	1.41	1.17
201446	288	557	715	272	115	59	1718	113097	1.52	1.23
201447	279	588	831	323	129	79	1950	106903	1.82	1.47
201448	290	690	978	324	131	125	2248	85719	2.62	1.88
201449	295	1018	1617	558	235	205	3633	117240	3.10	2.40
201450	292	1251	2599	819	343	271	5283	118962	4.44	3.88
201451	286	1541	2629	952	443	351	5916	112846	5.24	4.93
201452	279	1192	1528	967	462	514	4663	76201	6.12	6.61
201453	278	1181	884	843	435	459	3802	82962	4.58	4.83
201501	280	803	775	665	341	284	2868	91952	3.12	3.20
201502	282	700	835	473	285	202	2495	100074	2.49	2.63
201503	273	689	772	392	204	143	2200	99281	2.22	2.28
201504	261	689	677	356	173	117	2012	100459	2.00	1.92
201505	258	645	685	279	169	99	1877	91456	2.05	1.93
201506	262	753	725	337	184	112	2111	102520	2.06	1.89
201507	253	671	698	328	170	99	1966	91528	2.15	1.94
201508	214	555	577	297	132	95	1656	81564	2.03	1.54
<i>Totals</i>							<i>54227</i>	<i>2238916</i>		

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 6 (AR, LA, NM, OK, and TX) (Baseline: 3.3%)
Data as of Friday, March 6, 2015**

CDC Week	# Sites Reporting	ILI 0-4 years	ILI 5-24 years	ILI 25-49 years	ILI 50-64 years	ILI 65 years and older	Total ILI	Total Patient Visits	% Unweighted ILI	% Weighted ILI
201440	240	465	710	469	121	78	1843	103834	1.77	1.83
201441	249	560	807	509	187	100	2163	109888	1.97	2.00
201442	257	764	932	573	182	103	2554	110415	2.31	2.14
201443	257	654	1017	571	171	90	2503	109389	2.29	2.22
201444	251	676	1032	604	142	79	2533	108827	2.33	2.32
201445	253	799	1128	610	172	90	2799	106093	2.64	2.44
201446	225	860	1103	484	157	133	2737	104211	2.63	2.30
201447	249	926	1818	818	220	119	3901	100404	3.89	3.88
201448	254	1278	1807	1134	295	221	4735	93612	5.06	4.69
201449	257	1274	2136	1481	445	336	5672	116434	4.87	4.80
201450	257	1398	2911	1333	416	297	6355	100102	6.35	8.08
201451	233	1715	3297	1519	457	399	7387	90081	8.20	11.09
201452	217	1796	2100	1176	432	420	5924	79596	7.44	7.79
201453	228	1642	1551	1653	668	502	6016	79965	7.52	9.99
201501	234	1164	1654	1539	587	358	5302	88170	6.01	8.33
201502	237	1295	2570	1593	543	300	6301	91729	6.87	9.30
201503	239	1502	2999	1614	537	316	6968	107748	6.47	7.68
201504	245	1295	2583	1443	502	274	6097	110026	5.54	6.68
201505	245	1178	2315	1303	519	293	5608	106526	5.26	6.22
201506	239	1104	1910	1195	437	281	4927	105670	4.66	5.80
201507	239	1031	1669	1164	451	274	4589	102113	4.49	5.44
201508	222	823	1358	978	351	228	3738	94510	3.96	4.66
<i>Totals</i>							100652	2219343		

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 7 (IA, KS, MO, and NE) (Baseline: 1.7%)
Data as of Friday, March 6, 2015

CDC Week	# Sites Reporting	ILI 0-4 years	ILI 5-24 years	ILI 25-49 years	ILI 50-64 years	ILI 65 years and older	Total ILI	Total Patient Visits	% Unweighted ILI	% Weighted ILI
201440	84	50	98	43	15	14	220	50272	0.44	0.70
201441	84	57	124	56	18	14	269	50144	0.54	0.86
201442	83	53	129	72	23	15	292	52114	0.56	0.97
201443	86	68	130	56	27	8	289	51730	0.56	0.90
201444	83	54	113	36	13	11	227	48190	0.47	0.71
201445	84	48	124	59	13	12	256	50951	0.50	0.77
201446	87	63	143	62	22	7	297	50984	0.58	1.09
201447	83	75	163	58	20	8	324	49921	0.65	1.03
201448	85	79	166	88	23	17	373	37005	1.01	1.84
201449	84	92	243	122	41	26	524	53885	0.97	1.79
201450	85	170	577	222	66	69	1104	53384	2.07	3.70
201451	82	223	667	282	104	83	1359	53809	2.53	4.90
201452	84	218	416	284	132	143	1193	36168	3.30	6.47
201453	85	275	322	318	122	171	1208	40140	3.01	5.83
201501	79	147	273	286	91	109	906	18020	5.03	4.82
201502	76	145	351	182	74	67	819	18839	4.35	3.92
201503	75	180	411	166	65	55	877	16540	5.30	4.54
201504	75	154	417	173	85	104	933	17429	5.35	4.70
201505	78	153	308	153	68	98	780	19016	4.10	3.45
201506	71	140	217	146	63	52	618	18574	3.33	2.88
201507	65	117	196	121	49	31	514	17000	3.02	2.62
201508	58	117	194	121	32	26	490	16166	3.03	2.70
Totals							13872	820281		

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 8 (CO, MT, ND, SD, UT, and WY) (Baseline: 1.3%)
Data as of Friday, March 6, 2015**

CDC Week	# Sites Reporting	ILI 0-4 years	ILI 5-24 years	ILI 25-49 years	ILI 50-64 years	ILI 65 years and older	Total ILI	Total Patient Visits	% Unweighted ILI	% Weighted ILI
201440	117	82	152	87	19	8	348	36991	0.94	0.67
201441	114	58	146	87	23	12	326	37517	0.87	0.66
201442	114	65	175	82	19	10	351	39391	0.89	0.67
201443	111	80	173	91	23	10	377	35071	1.07	0.79
201444	114	81	152	94	25	12	364	36635	0.99	0.77
201445	110	82	180	81	21	6	370	34784	1.06	0.82
201446	113	93	216	97	21	14	441	36574	1.21	0.79
201447	113	98	239	84	26	16	463	36541	1.27	0.76
201448	116	121	250	104	29	20	524	31163	1.68	0.99
201449	117	165	286	145	52	18	666	38324	1.74	1.32
201450	116	192	425	199	59	34	909	38779	2.34	1.87
201451	110	229	522	234	75	51	1111	37438	2.97	2.46
201452	111	279	561	331	113	104	1388	30675	4.52	3.90
201453	112	397	464	407	148	128	1544	33864	4.56	4.45
201501	117	348	499	335	153	112	1447	41505	3.49	3.45
201502	118	324	582	333	109	79	1427	39967	3.57	3.43
201503	114	365	527	281	120	69	1362	38891	3.50	3.19
201504	113	374	495	213	111	63	1256	40844	3.08	3.02
201505	113	350	489	215	76	39	1169	40905	2.86	2.75
201506	106	340	348	167	66	38	959	39259	2.44	2.10
201507	109	307	320	165	55	27	874	39303	2.22	2.03
201508	101	253	288	141	46	29	757	38956	1.94	1.58
Totals							18433	823377		

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 9 (AZ, CA, HI, and NV) (Baseline: 2.7%)
Data as of Friday, March 6, 2015

CDC Week	# Sites Reporting	ILI 0-4 years	ILI 5-24 years	ILI 25-49 years	ILI 50-64 years	ILI 65 years and older	Total ILI	Total Patient Visits	% Unweighted ILI	% Weighted ILI
201440	232	263	536	209	109	106	1223	87090	1.40	1.71
201441	244	284	569	217	117	97	1284	88075	1.46	1.78
201442	250	298	526	234	108	121	1287	91404	1.41	1.69
201443	255	288	524	256	111	86	1265	93897	1.35	1.64
201444	260	304	493	187	108	114	1206	87827	1.37	1.66
201445	267	348	689	221	120	94	1472	90842	1.62	1.96
201446	250	358	566	194	85	101	1304	82971	1.57	1.89
201447	269	423	702	267	141	111	1644	92028	1.79	2.19
201448	268	359	504	240	116	105	1324	63068	2.10	2.46
201449	276	401	685	306	191	129	1712	91587	1.87	2.17
201450	270	422	732	305	183	158	1800	86567	2.08	2.37
201451	262	478	709	338	187	162	1874	80828	2.32	2.65
201452	255	501	575	300	204	188	1768	48149	3.67	4.16
201453	255	548	619	493	312	297	2269	55138	4.12	4.54
201501	249	578	1044	676	377	378	3053	83892	3.64	3.84
201502	240	637	1254	689	344	399	3323	82033	4.05	4.26
201503	243	738	1461	659	344	350	3552	75693	4.69	4.85
201504	250	806	1672	634	408	383	3903	85183	4.58	4.97
201505	234	725	1452	559	312	326	3374	82339	4.10	4.48
201506	226	648	1059	492	242	262	2703	76509	3.53	3.84
201507	194	486	791	315	169	134	1895	63633	2.98	3.34
201508	167	261	580	191	101	72	1205	56168	2.15	2.40
<i>Totals</i>							44440	1744921		

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2014-2015 Influenza Season
HHS Region 10 (AK, ID, OR, and WA) (Baseline: 1.1%)
Data as of Friday, March 6, 2015

<i>CDC Week</i>	<i># Sites Reporting</i>	<i>ILI 0-4 years</i>	<i>ILI 5-24 years</i>	<i>ILI 25-49 years</i>	<i>ILI 50-64 years</i>	<i>ILI 65 years and older</i>	<i>Total ILI</i>	<i>Total Patient Visits</i>	<i>% Unweighted ILI</i>	<i>% Weighted ILI</i>
201440	55	22	30	7	1	1	61	11172	0.55	0.46
201441	56	24	66	20	10	3	123	12247	1.00	1.07
201442	70	34	62	12	11	2	121	14420	0.84	0.77
201443	67	40	40	20	6	4	110	13723	0.80	0.73
201444	71	38	52	27	5	7	129	13523	0.95	0.85
201445	72	46	67	24	10	11	158	13645	1.16	0.89
201446	72	43	60	29	10	8	150	13243	1.13	0.93
201447	68	58	65	22	6	17	168	12992	1.29	1.01
201448	71	57	44	22	12	8	143	10712	1.33	1.06
201449	71	59	73	31	28	11	202	13307	1.52	1.31
201450	72	64	94	37	24	10	229	12796	1.79	1.47
201451	68	84	124	49	19	12	288	11293	2.55	2.04
201452	69	97	119	40	14	13	283	7707	3.67	2.60
201453	69	127	101	72	32	19	351	7884	4.45	3.19
201501	77	131	129	90	64	34	448	13469	3.33	3.11
201502	74	131	201	91	45	39	507	13652	3.71	3.63
201503	76	130	200	81	41	39	491	13405	3.66	3.39
201504	72	95	203	71	39	18	426	13493	3.16	2.76
201505	72	92	133	70	28	23	346	13462	2.57	2.35
201506	69	74	120	42	25	9	270	12500	2.16	1.82
201507	65	54	71	43	15	2	185	11680	1.58	1.22
201508	53	63	52	29	12	11	167	11152	1.50	1.09
<i>Totals</i>							5356	271477		

Geographic Spread of Influenza
Reported by State and Territorial Health Departments
2014-2015 Influenza Season - Week 8 (February 22-28, 2015)

<i>Region</i>	<i>State</i>	<i>Week 04</i>	<i>Week 05</i>	<i>Week 06</i>	<i>Week 07</i>	<i>Week 08</i>
1	Connecticut	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	Maine	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	Massachusetts	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	New Hampshire	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	Rhode Island	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
	Vermont	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
2	New Jersey	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	New York	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	Puerto Rico	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
	Virgin Islands	REGIONAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
3	Delaware	WIDESPR	WIDESPR	WIDESPR	WIDESPR	LOCAL
	District of Columbia	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL
	Maryland	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	Pennsylvania	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
	Virginia	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
	West Virginia	WIDESPR	REGIONAL	REGIONAL	REGIONAL	LOCAL
4	Alabama	REGIONAL	REGIONAL	LOCAL	WIDESPR	REGIONAL
	Florida	WIDESPR	WIDESPR	REGIONAL	REGIONAL	REGIONAL
	Georgia	REGIONAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
	Kentucky	WIDESPR	REGIONAL	REGIONAL	REGIONAL	REGIONAL
	Mississippi	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	North Carolina	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
	South Carolina	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
	Tennessee	REGIONAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
5	Illinois	REGIONAL	REGIONAL	REGIONAL	LOCAL	REGIONAL
	Indiana	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	Michigan	WIDESPR	REGIONAL	REGIONAL	REGIONAL	REGIONAL
	Minnesota	REGIONAL	LOCAL	LOCAL	LOCAL	LOCAL
	Ohio	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
	Wisconsin	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL

<i>Region</i>	<i>State</i>	<i>Week 04</i>	<i>Week 05</i>	<i>Week 06</i>	<i>Week 07</i>	<i>Week 08</i>
6	Arkansas	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
	Louisiana	WIDESPR	REGIONAL	REGIONAL	REGIONAL	REGIONAL
	New Mexico	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
	Oklahoma	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	Texas	REGIONAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
7	Iowa	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
	Kansas	WIDESPR	REGIONAL	REGIONAL	REGIONAL	REGIONAL
	Missouri	WIDESPR	REGIONAL	REGIONAL	REGIONAL	REGIONAL
	Nebraska	WIDESPR	WIDESPR	REGIONAL	REGIONAL	REGIONAL
8	Colorado	REGIONAL	REGIONAL	LOCAL	LOCAL	LOCAL
	Montana	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
	North Dakota	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
	South Dakota	REGIONAL	REGIONAL	REGIONAL	LOCAL	LOCAL
	Utah	WIDESPR	REGIONAL	REGIONAL	REGIONAL	REGIONAL
	Wyoming	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
9	Arizona	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
	California	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
	Guam	REGIONAL	REGIONAL	REGIONAL	WIDESPR	WIDESPR
	Hawaii	REGIONAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
	Nevada	WIDESPR	REGIONAL	LOCAL	REGIONAL	LOCAL
10	Alaska	LOCAL	LOCAL	LOCAL	LOCAL	SPORADIC
	Idaho	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
	Oregon	WIDESPR	WIDESPR	WIDESPR	REGIONAL	SPORADIC
	Washington	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL

Activity Level	ILI activity*/Outbreaks		Laboratory data
No activity	Low	And	No lab confirmed cases [†]
Sporadic	Not increased	And	Isolated lab-confirmed case(s)
	OR		
Local	Not increased	And	Lab confirmed outbreak in one institution [‡]
	OR		
Local	Increased ILI in 1 region ^{**} ; ILI activity in other regions is not increased	And	Recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI
	OR		
Regional (doesn't apply to states with ≤4 regions)	2 or more institutional outbreaks (ILI or lab confirmed) in 1 region; ILI activity in other regions is not increased	And	Recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions
	OR		
Regional (doesn't apply to states with ≤4 regions)	Increased ILI in ≥2 but less than half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the affected regions
	OR		
Regional (doesn't apply to states with ≤4 regions)	Institutional outbreaks (ILI or lab confirmed) in ≥2 and less than half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the affected regions
	OR		
Widespread	Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the state.

* ILI activity can be assessed using a variety of data sources including ILINet providers, school/workplace absenteeism, and other syndromic surveillance systems that monitor influenza-like illness.

† Lab confirmed case = case confirmed by rapid influenza diagnostic test, antigen detection, culture, or PCR.

‡ Institution includes nursing home, hospital, prison, school, etc.

**Region: population under surveillance in a defined geographical subdivision of a state.