

**2008-2009 Influenza Season
Week 27 ending July 11, 2009**

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

On June 11, the World Health Organization raised the pandemic alert level from Phase 5 to Phase 6 indicating that an influenza pandemic is underway.

Synopsis: During week 27 (July 5-11, 2009), influenza activity decreased in the United States, however, there were still higher levels of influenza-like illness than is normal for this time of year.

- One thousand two hundred seventy-eight (23.8%) specimens tested by U.S. World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories and reported to CDC/Influenza Division were positive for influenza.
- Over 99% of all subtyped influenza A viruses being reported to CDC were novel influenza A (H1N1) viruses.
- The proportion of deaths attributed to pneumonia and influenza (P&I) was below the epidemic threshold.
- One influenza-associated pediatric death was reported and was associated with novel influenza A (H1N1) virus infection.
- The proportion of outpatient visits for influenza-like illness (ILI) was below national and region-specific baseline levels.
- Nine states reported geographically widespread influenza activity, 12 states and Puerto Rico reported regional influenza activity, 12 states and the District of Columbia reported local influenza activity, 16 states reported sporadic influenza activity, and one state did not report.

National and Regional Summary of Select Surveillance Components

HHS Surveillance Regions*	Data for current week			Data cumulative for the season						
	Out-patient ILI†	% positive for flu‡	Number of jurisdictions reporting regional or widespread activity§	A (H1)	A (H3)	Novel A (H1N1)	A (unable to sub-type)¶	A (Subty-ping not performed)	B	Pediatric Deaths
Nation	Normal	23.8%	22 of 52	7,897	2,380	22,076	668	16,686	10,653	90
Region I	Normal	21.8%	4 of 6	540	157	1,800	13	1,669	815	4
Region II	Normal	25.9%	3 of 3	277	140	956	20	2,252	711	15
Region III	Normal	42.9%	4 of 6	1,249	219	3,567	13	921	1,361	9
Region IV	Normal	28.7%	3 of 8	831	131	1,010	49	2,511	1,221	6
Region V	Normal	34.4%	0 of 6	1,650	201	8,067	182	840	1,420	15
Region VI	Normal	23.3%	1 of 5	800	278	2,318	5	4,328	2,629	15
Region VII	Normal	26.0%	1 of 4	521	77	570	81	491	535	0
Region VIII	Normal	17.2%	0 of 6	530	217	1,132	61	1,594	499	7
Region IX	Normal	15.3%	4 of 4	1,111	647	908	35	1,589	771	17
Region X	Normal	24.5%	2 of 4	388	313	1,667	209	491	691	2

* HHS regions (Region I: CT, ME, MA, NH, RI, VT; Region II: NJ, NY, Puerto Rico, US Virgin Islands; Region III: DE, DC, MD, PA, VA, WV; Region IV: AL, FL, GA, KY, MS, NC, SC, TN; Region V: IL, IN, MI, MN, OH, WI; Region VI: AR, LA, NM, OK, TX; Region VII: IA, KS, MO, NE; Region VIII: CO, MT, ND, SD, UT, WY; Region IX: AZ, CA, Guam, HI, NV; and Region X: AK, ID, OR, WA)

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

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

§ Includes all 50 states, the District of Columbia, and Puerto Rico

¶ The majority of influenza A viruses that cannot be sub-typed as seasonal influenza viruses are novel A (H1N1) influenza viruses upon further testing

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.

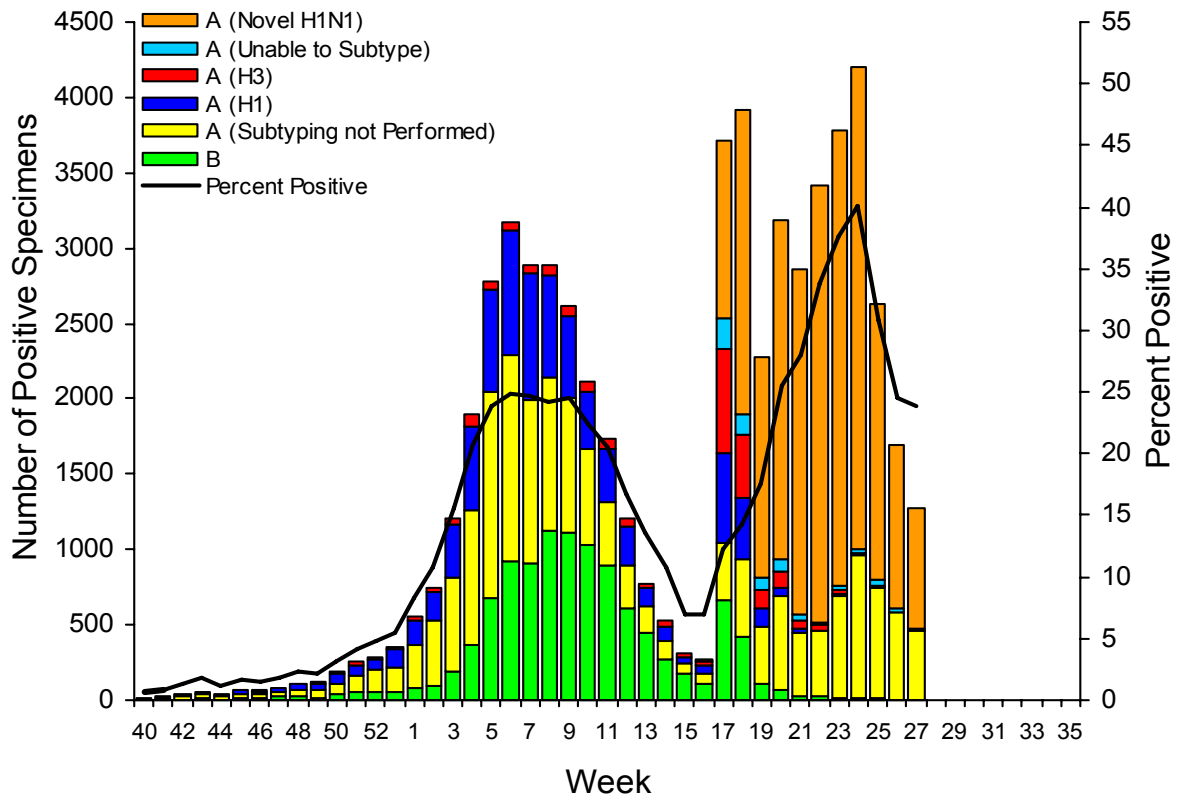
During the 2008-09 season, influenza A (H1), A (H3), and B viruses have co-circulated in the United States. On April 15 and 17, 2009, CDC confirmed the first two cases of novel influenza A (H1N1) virus in the United States. As of July 17, 2009, 40,617 confirmed and probable infections with novel influenza A (H1N1) virus and 211 deaths (7 deaths in individuals 0-4 years, 43 deaths in individuals 5-24 years, 101 deaths in adults 25-49 years, 66 deaths in adults 50-64 years, 23 deaths in adults age 65 and older and 22 deaths with unknown age) have been identified by CDC and state and local public health departments. Reporting of novel influenza A (H1N1) viruses by U.S. WHO collaborating laboratories began during week 17 (week ending May 2, 2009). The results of tests performed during the current week are summarized in the table below.

	Week 27
No. of specimens tested	5,371
No. of positive specimens (%)	1,278 (23.8%)
<i>Positive specimens by type/subtype</i>	
Influenza A	1,274 (99.7%)
A (novel H1N1)	808 (63.4%)
A (subtyping not performed)	457 (35.9%)
A (unable to subtype)	6 (0.5%)
A (H3)	3 (0.2%)
A (H1)	0 (0.0%)
Influenza B	4 (0.3%)

During week 27, seasonal influenza A (H1), A (H3), and B viruses co-circulated at low levels with novel influenza A (H1N1) viruses. Over 99% of all subtyped influenza A viruses being reported to CDC this week were novel influenza A (H1N1) viruses.

The increase in the percentage of specimens testing positive for influenza by WHO and NREVSS collaborating laboratories may be due in part to changes in testing practices by health care providers, triaging of specimens by public health laboratories, an increase in the number of specimens collected from outbreaks, and other factors.

Influenza Positive Tests Reported to CDC by U.S. WHO/NREVSS Collaborating Laboratories, National Summary, 2008-09



Antigenic Characterization: CDC has antigenically characterized 1,817 seasonal human influenza viruses [1,049 influenza A (H1), 196 influenza A (H3) and 572 influenza B viruses] collected by U.S. laboratories since October 1, 2008, and 233 novel influenza A (H1N1) viruses.

All 1,049 influenza seasonal A (H1) viruses are related to the influenza A (H1N1) component of the 2008-09 influenza vaccine (A/Brisbane/59/2007). One hundred eighty-eight (96%) of 196 influenza A (H3N2) viruses tested are related to the A (H3N2) vaccine component (A/Brisbane/10/2007) and eight viruses (4%) tested showed reduced titers with antisera produced against A/Brisbane/10/2007.

All 233 novel influenza A (H1N1) viruses are related to the A/California/07/2009 (H1N1) reference virus selected by WHO as a potential candidate for novel influenza A (H1N1) vaccine.

Influenza B viruses currently circulating can be divided into two distinct lineages represented by the B/Yamagata/16/88 and B/Victoria/02/87 viruses. Sixty-eight (12%) of 573 influenza B viruses tested belong to the B/Yamagata lineage and are related to the vaccine strain (B/Florida/04/2006). The remaining 504 (88%) viruses belong to the B/Victoria lineage and are not related to the vaccine strain.

Data on antigenic characterization should be interpreted with caution given that antigenic characterization data is based on hemagglutination inhibition (HI) testing using a panel of reference

ferret antisera and results may not correlate with clinical protection against circulating viruses provided by influenza vaccination.

Annual influenza vaccination is expected to provide the best protection against those virus strains that are related to the vaccine strains, but limited to no protection may be expected when the vaccine and circulating virus strains are so different as to be from different lineages, as is seen with the two lineages of influenza B viruses. Antigenic characterization of novel influenza A (H1N1) viruses indicates that these viruses are antigenically and genetically unrelated to seasonal influenza A (H1N1) viruses, suggesting that little to no protection would be expected from vaccination with seasonal influenza vaccine.

Antiviral Resistance: Since October 1, 2008, 1,071 seasonal influenza A (H1N1), 201 influenza A (H3N2), and 606 influenza B viruses have been tested for resistance to the neuraminidase inhibitors (oseltamivir and zanamivir). Also, 1,078 seasonal influenza A (H1N1) and 212 influenza A (H3N2) viruses have been tested for resistance to the adamantanes (amantadine and rimantadine). Two hundred sixty-seven novel influenza A (H1N1) viruses have been tested for resistance to the neuraminidase inhibitors (oseltamivir and zanamivir). Three hundred five novel influenza A (H1N1) viruses have been tested for resistance to the adamantanes (amantadine and rimantadine). The results of antiviral resistance testing performed on these viruses are summarized in the table below.

	Isolates tested (n)	Resistant Viruses, Number (%)		Isolates tested (n)	Resistant Viruses, Number (%)
		Oseltamivir	Zanamivir		Adamantanes
Seasonal Influenza A (H1N1)	1,071	1,066 (99.5%)	0 (0)	1,078	6 (0.6%)
Influenza A (H3N2)	201	0 (0)	0 (0)	212	212 (100%)
Influenza B	606	0 (0)	0 (0)	N/A*	N/A*
Novel Influenza A (H1N1)	267	0 (0)	0 (0)	305	305 (100%)

*The adamantanes (amantadine and rimantadine) are not effective against influenza B viruses.

The novel influenza A (H1N1) virus is susceptible to both neuraminidase inhibitor antiviral medications zanamivir and oseltamivir. It is resistant to the adamantane antiviral medications, amantadine and rimantadine. Antiviral treatment with either oseltamivir or zanamivir is recommended for all patients with confirmed, probable or suspected cases of novel influenza A (H1N1) virus infection who are hospitalized or who are at higher risk for seasonal influenza complications.

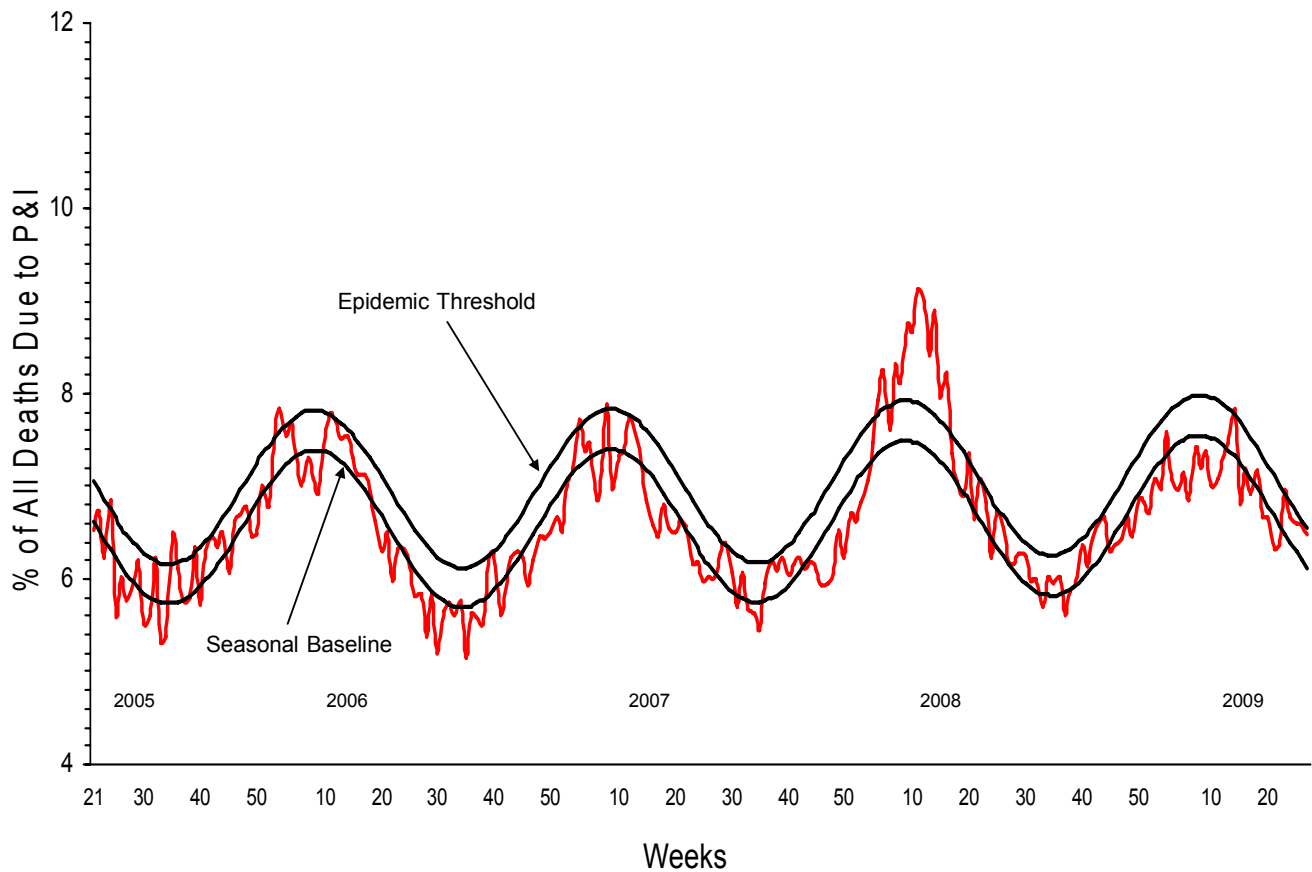
Three cases of oseltamivir resistant novel influenza A (H1N1) viruses have been detected worldwide, none of which were detected in the U.S. However, one of the three viruses was detected in a specimen collected from a child that became ill in California and subsequently traveled to Hong Kong where the respiratory specimen was collected, and the oseltamivir resistant novel H1N1 strain was detected. Enhanced antiviral resistance testing in California has not revealed any other oseltamivir resistant novel influenza A (H1N1) viruses. The other two cases of oseltamivir resistant novel H1N1 viruses were detected in Japan and Denmark.

(http://www.who.int/csr/disease/swineflu/newsbriefs/h1n1_antiviral_resistance_20090708/en/index.html). Additional information on antiviral recommendations for treatment and chemoprophylaxis of novel influenza A (H1N1) infection is available at <http://www.cdc.gov/h1n1flu/recommendations.htm>.

Three seasonal influenza A (H1N1) viruses collected between February 8 and May 11, 2009 were found to be resistant to both oseltamivir and the adamantanes (amantadine and rimantadine). All influenza A (H1N1) viruses tested retain their sensitivity to zanamivir. The three dually resistant viruses represent less than 0.5% of all seasonal influenza A (H1N1) viruses tested during the 2008-09 influenza season, and as a result, no changes to the influenza antiviral treatment or prophylaxis recommendations will be made at this time. CDC will continue to monitor trends in antiviral resistance over the summer and throughout the upcoming 2009-10 influenza season.

Pneumonia and Influenza (P&I) Mortality Surveillance: During week 27, 6.5% of all deaths reported through the 122-Cities Mortality Reporting System were due to P&I. This percentage was below the epidemic threshold of 6.6% for week 27.

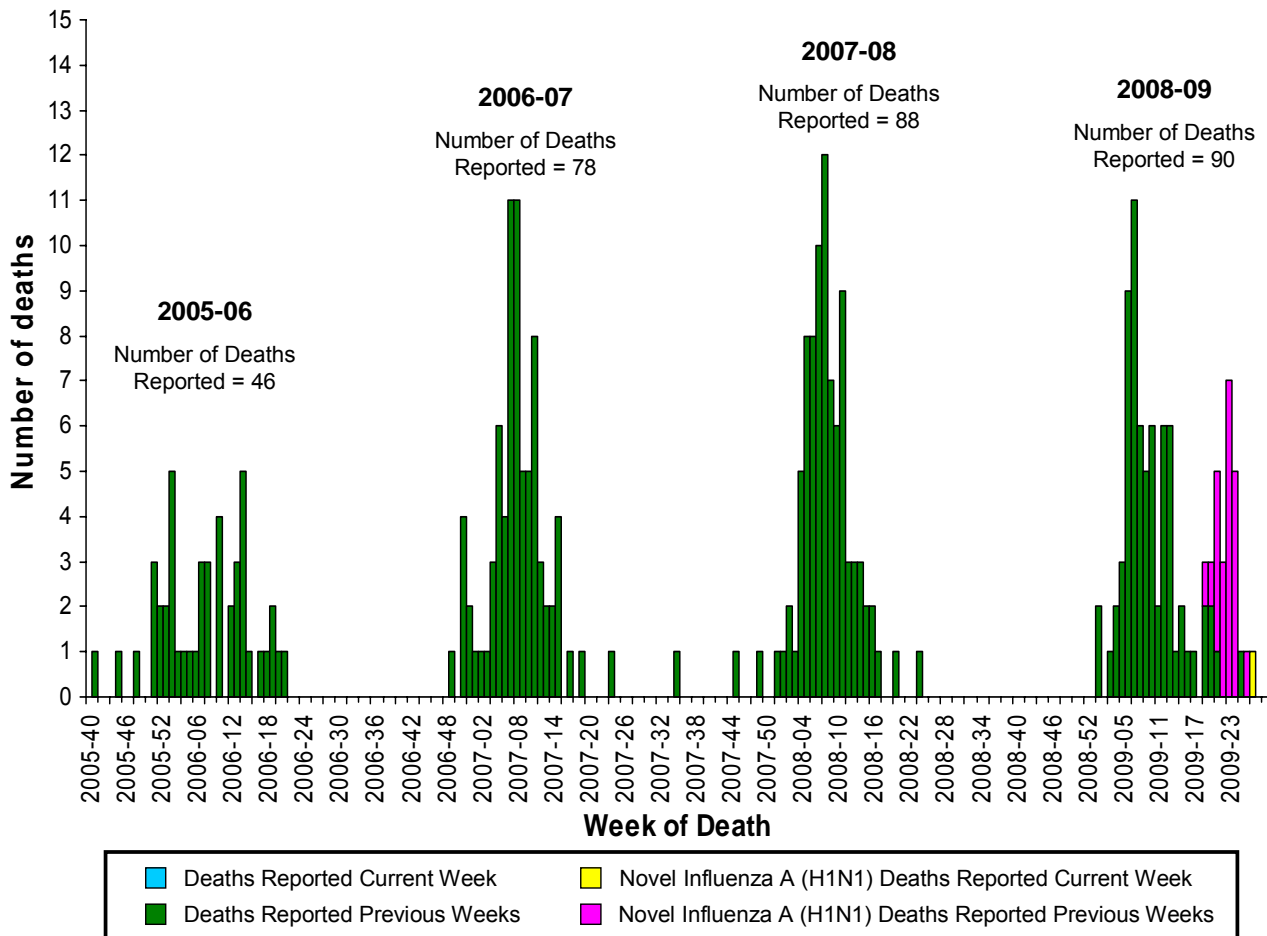
Pneumonia and Influenza Mortality for 122 U.S. Cities
Week ending 7/11/2009



Influenza-Associated Pediatric Mortality: One influenza-associated pediatric death was reported to CDC during week 27 (Massachusetts). This death was associated with a novel influenza A (H1N1) virus infection. The death reported this week occurred during week 27 (the week ending July 11, 2009). Since September 28, 2008, CDC has received 90 reports of influenza-associated pediatric deaths that occurred during the current influenza season, 23 of which were due to novel influenza A (H1N1) virus infections.

Of the 40 children who had specimens collected for bacterial culture from normally sterile sites, 15 (37.5%) were positive; *Staphylococcus aureus* was identified in nine (60.0%) of the 15 children. Four of the *S. aureus* isolates were sensitive to methicillin and five were methicillin resistant. Thirteen (86.7%) of the 15 children with bacterial coinfections were five years of age or older and 10 (66.7%) of the 15 children were 12 years of age or older. Nine of the 23 children with confirmed novel influenza A (H1N1) infection had a specimen collected from a normally sterile site; one of the nine children had a positive bacterial culture. An increase in the number of influenza-associated pediatric deaths with bacterial coinfections was first recognized during the 2006-07 influenza season. In January 2008, interim testing and reporting recommendations were released regarding influenza and bacterial coinfections in children and are available at (<http://www2a.cdc.gov/HAN/ArchiveSys/ViewMsgV.asp?AlertNum=00268>).

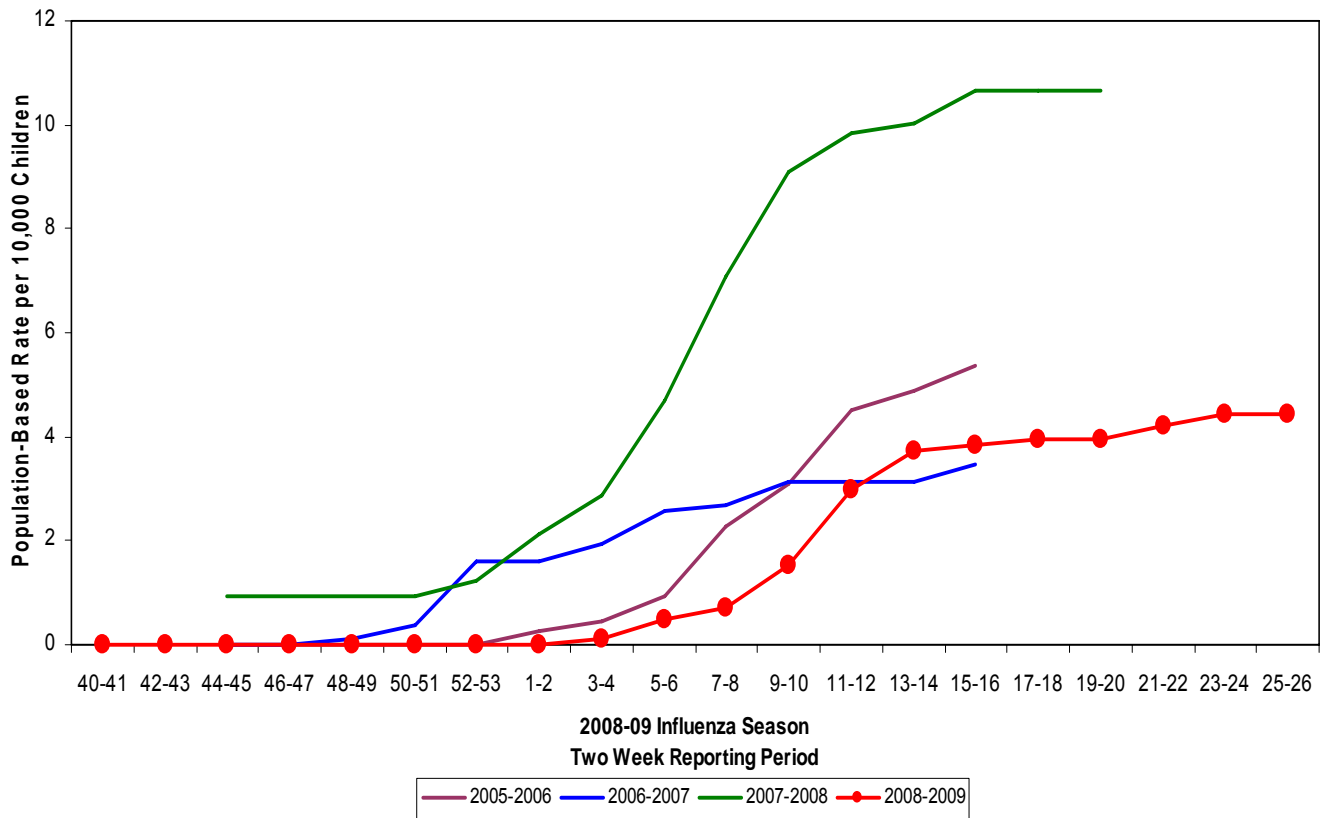
Number of Influenza-Associated Pediatric Deaths by Week of Death:
2005-06 season to present



Influenza-Associated Hospitalizations: Laboratory-confirmed influenza-associated hospitalizations are monitored in two population-based surveillance networks: the New Vaccine Surveillance Network (NVSN) and the Emerging Infections Program (EIP).

During October 12, 2008 to June 27, 2009, the preliminary laboratory-confirmed influenza-associated hospitalization rate for children 0-4 years old in the NVSN was 4.42 per 10,000. Because of case identification methods utilized in this study, there is a delay from the date of hospitalization to the date of report.

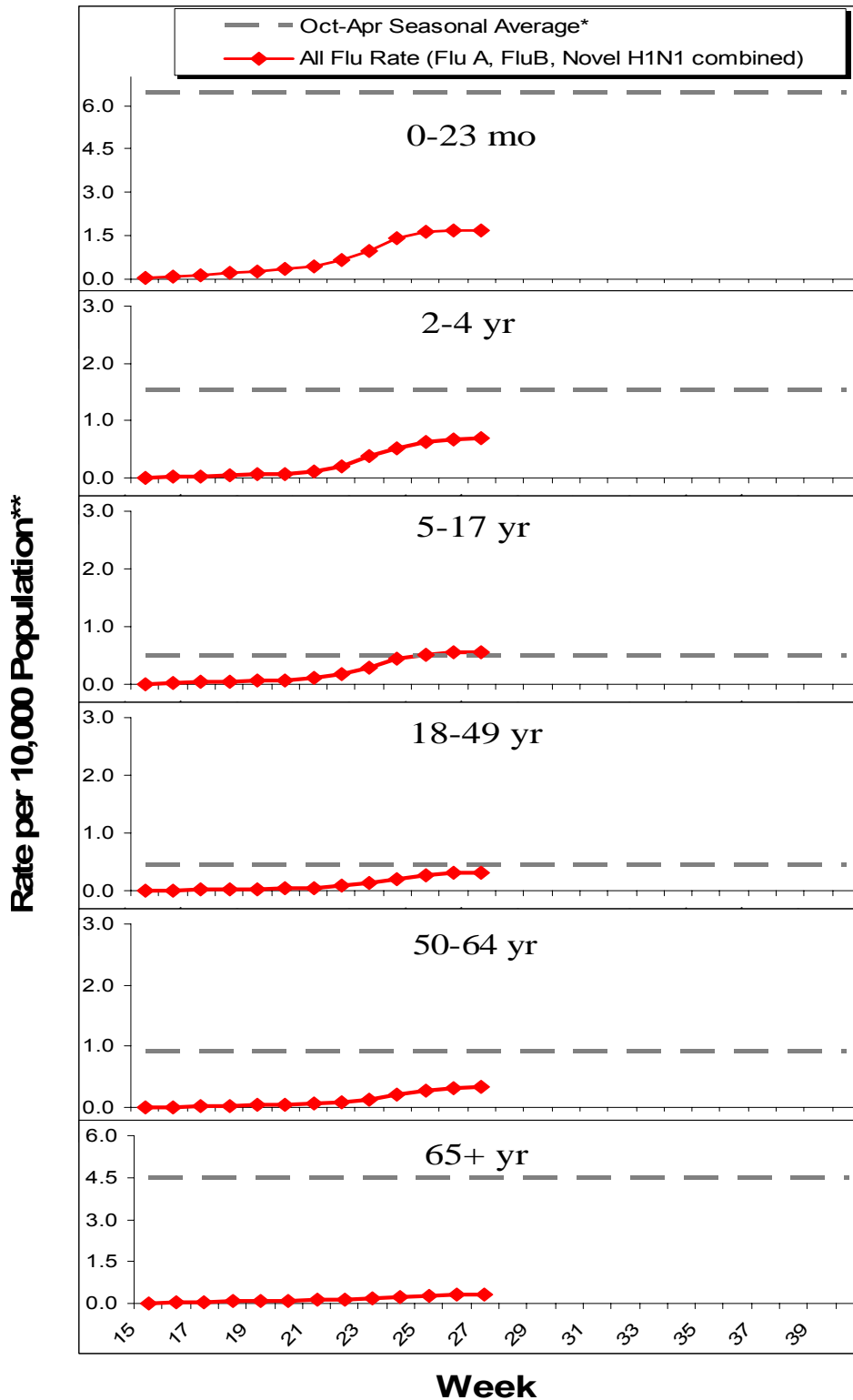
NVSN Influenza Laboratory-Confirmed Cumulative Hospitalization Rates for Children 0 - 4 Years, 2008-09 and Previous Three Seasons



During April 15, 2009 to July 11, 2009, the following preliminary laboratory-confirmed overall influenza associated hospitalization rates were reported by the EIP (*rates include type A, type B, and novel H1N1*):

Rates for children aged 0-23 months, 2-4 years, and 5-17 years were 1.7, 0.7, and 0.6 per 10,000, respectively. Rates for adults aged 18-49 years, 50-64 years, and ≥ 65 years were 0.3, 0.3, and 0.3 per 10,000, respectively.

EIP Influenza Laboratory-Confirmed Cumulative Hospitalization Rates, Spring/Summer 2009

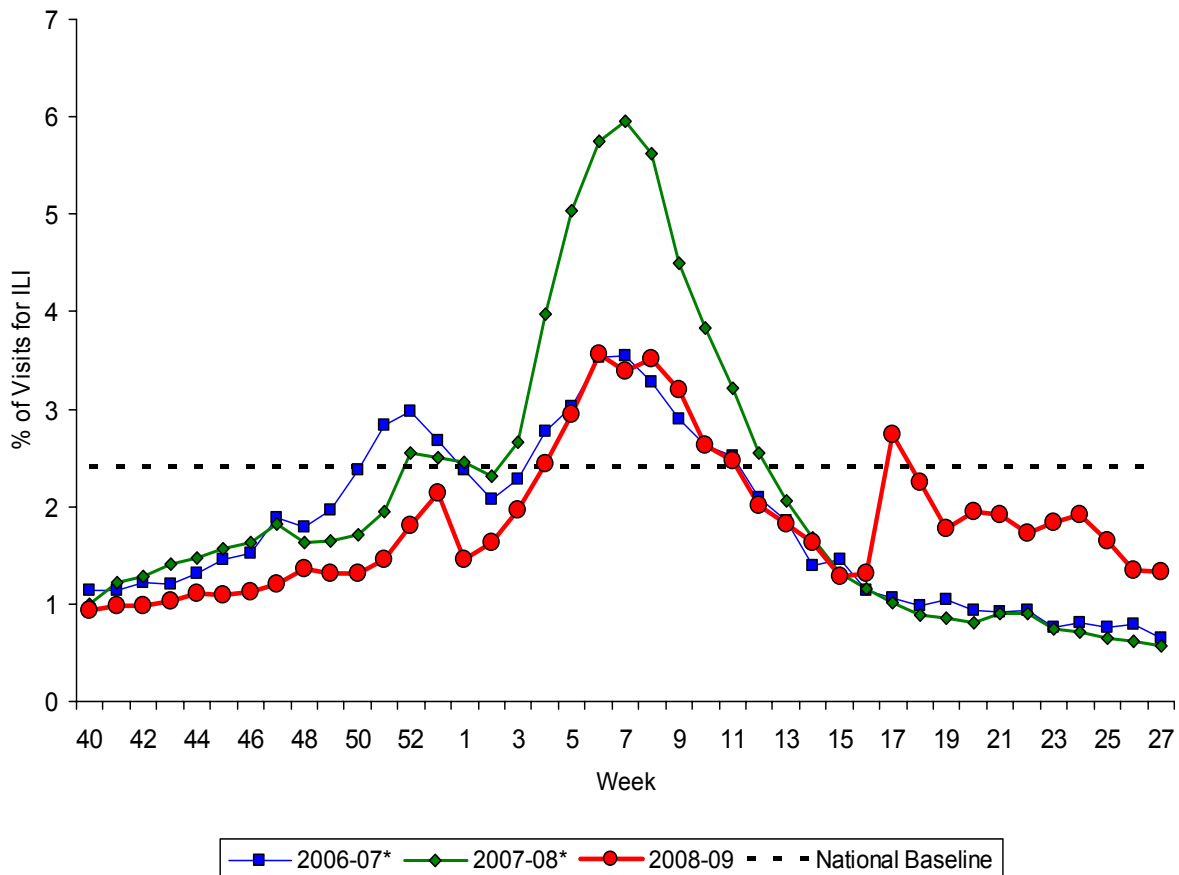


*This value represents an age group-specific average influenza rate from October 1 to April 30 from the 2005-06, 2006-07, and 2007-08 influenza seasons.

**Note: The scales for the 0-23 month and the ≥65 year age groups differ from other age groups.

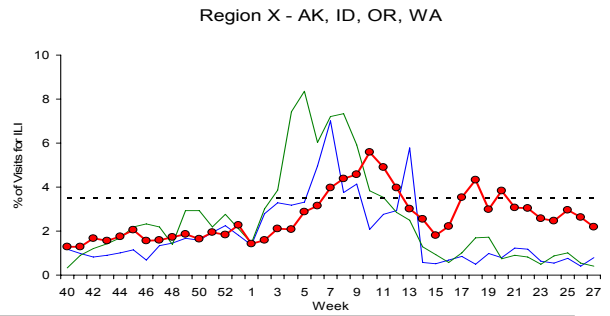
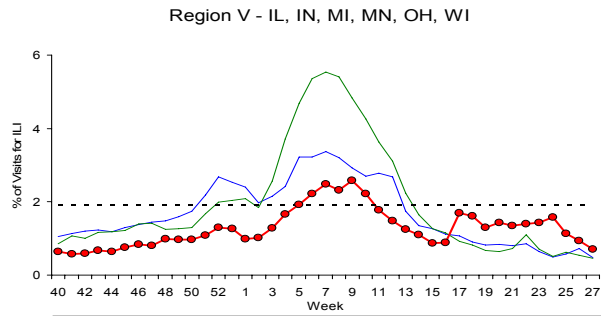
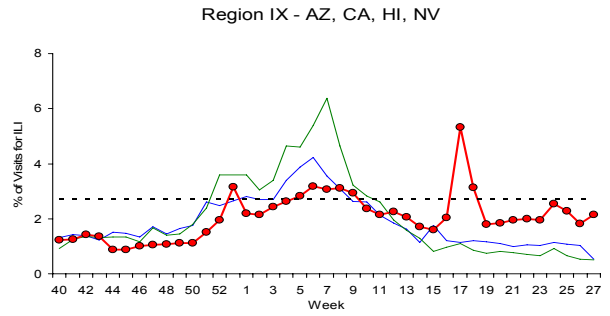
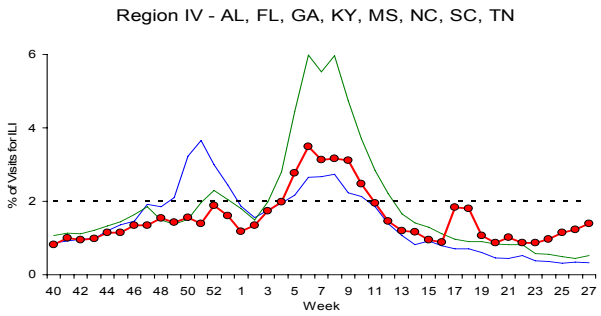
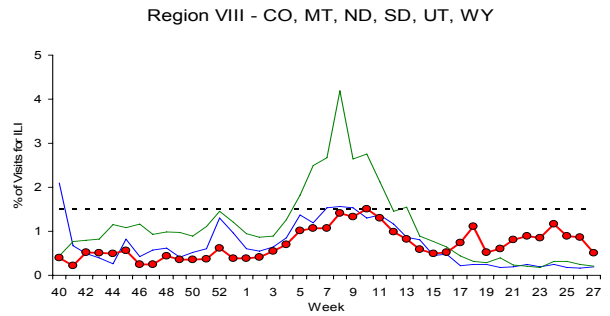
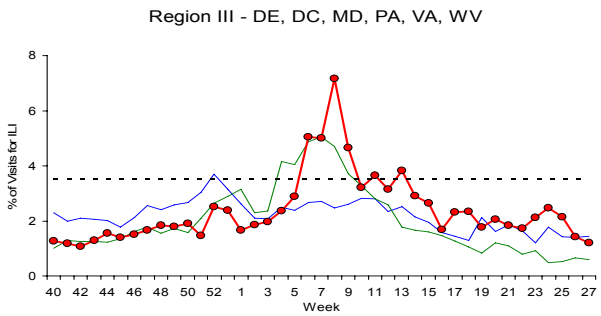
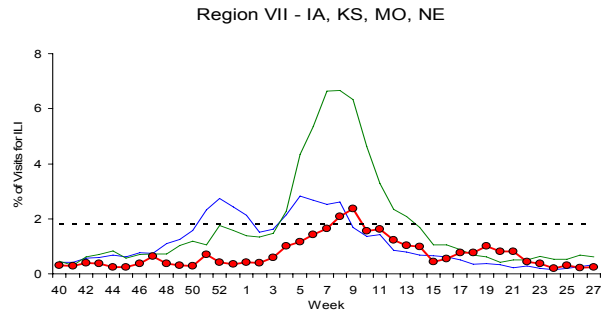
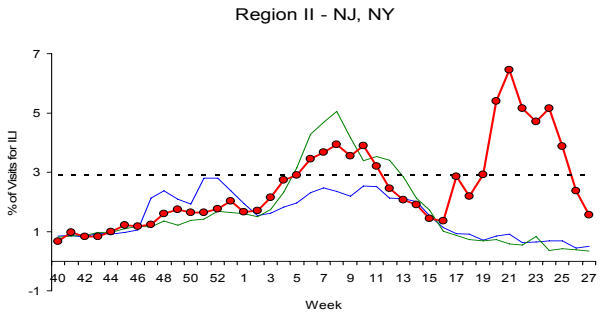
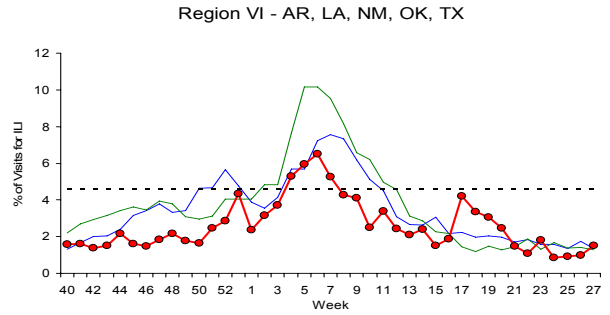
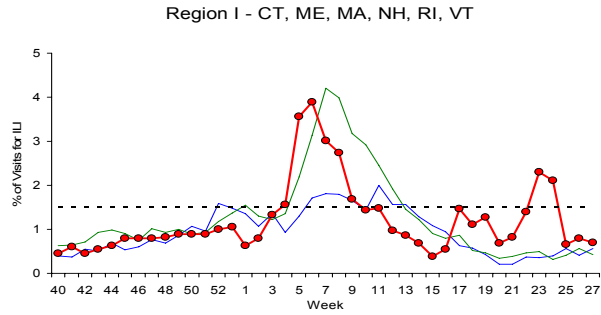
Outpatient Illness Surveillance: Nationwide during week 27, 1.3% of patient visits reported through the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) were due to influenza-like illness (ILI). This percentage is below the national baseline of 2.4%.

Percentage of Visits for Influenza-like Illness (ILI) Reported by the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet), National Summary, 2008-09 and Previous Two Seasons



*There was no week 53 during the 2006-07 and 2007-08 seasons, 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 0.3% to 2.2%. All 10 regions reported percentages of visits for ILI below their respective region-specific baselines. ILI decreased during week 27 in six of 10 regions compared to week 26.



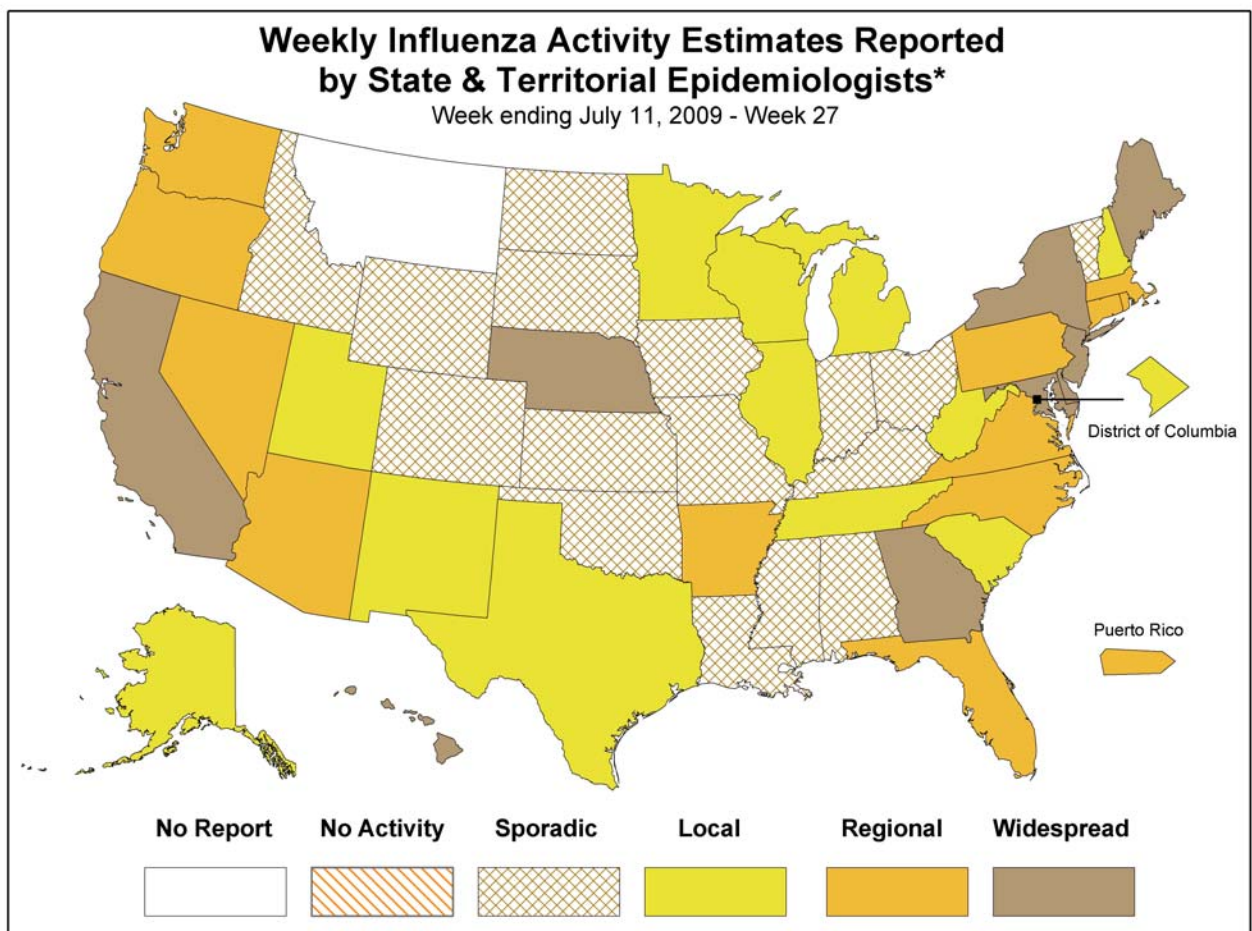
NOTE: Scales differ between regions

NOTE: There was no week 53 during the 2006-07 and 2007-08 seasons, therefore the week 53 data point for those seasons is an average of weeks 52 and 1.

Geographic Spread of Influenza as Assessed by State and Territorial Epidemiologists: The influenza activity reported by state and territorial epidemiologists indicates geographic spread of both seasonal influenza and novel influenza A (H1N1) viruses and does not measure the severity of influenza activity.

During week 27, the following influenza activity was reported:

- Widespread influenza activity was reported by nine states (California, Delaware, Georgia, Hawaii, Maine, Maryland, Nebraska, New Jersey, and New York).
- Regional influenza activity was reported by Puerto Rico and 12 states (Arizona, Arkansas, Connecticut, Florida, Massachusetts, Nevada, North Carolina, Oregon, Pennsylvania, Rhode Island, Virginia, and Washington).
- Local influenza activity was reported by the District of Columbia and 12 states (Alaska, Illinois, Michigan, Minnesota, New Hampshire, New Mexico, South Carolina, Tennessee, Texas, Utah, West Virginia, and Wisconsin).
- Sporadic activity was reported by 16 states (Alabama, Colorado, Idaho, Indiana, Iowa, Kansas, Kentucky, Louisiana, Mississippi, Missouri, North Dakota, Ohio, Oklahoma, South Dakota, Vermont, and Wyoming).
- One state did not report (Montana).



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

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

Report prepared: July 17, 2009.

WHO Collaborating Laboratory Reports
2008-09 Influenza Season
Update: Friday, July 17, 2009
Summary for All Regions

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Postivite specimens by Type/Subtype					
				A(H1)	A(H3)	AH1SWINE	AUNSUB	A-Unk	B
200840	120	2606	17 (0.65)	3	0	0	0	8	6
200841	119	2665	23 (0.86)	5	4	0	0	8	6
200842	122	2800	37 (1.32)	13	3	0	0	15	6
200843	124	3255	60 (1.84)	22	0	0	0	24	14
200844	124	3383	41 (1.21)	12	3	0	0	21	5
200845	126	3992	68 (1.70)	32	2	0	0	23	11
200846	127	4213	62 (1.47)	25	2	0	0	23	12
200847	129	4604	82 (1.78)	27	1	0	0	31	23
200848	126	4733	112 (2.37)	40	1	0	0	47	24
200849	126	5442	120 (2.21)	43	6	0	0	57	14
200850	129	5894	183 (3.10)	71	9	0	0	66	37
200851	128	6146	256 (4.17)	73	19	0	0	108	56
200852	130	5927	289 (4.88)	71	12	0	0	155	51
200853	125	6406	355 (5.54)	115	19	0	0	173	48
200901	126	6799	561 (8.25)	165	27	0	0	286	83
200902	127	6940	743 (10.71)	199	22	0	0	425	97
200903	127	7753	1210 (15.61)	350	45	0	0	628	187
200904	129	9155	1901 (20.76)	559	78	0	0	902	362
200905	129	11605	2777 (23.93)	677	53	0	0	1370	677
200906	129	12770	3175 (24.86)	816	63	0	0	1374	922
200907	128	11705	2893 (24.72)	839	65	0	1	1081	907
200908	128	11918	2885 (24.21)	688	59	0	0	1010	1128
200909	127	10680	2612 (24.46)	544	66	0	0	887	1115
200910	123	9419	2112 (22.42)	377	65	0	0	642	1028
200911	122	8416	1735 (20.62)	357	63	0	0	425	890
200912	126	7160	1202 (16.79)	259	43	1	0	284	615
200913	123	5637	768 (13.62)	116	27	0	0	171	454
200914	120	4966	532 (10.71)	101	37	0	1	126	267
200915	116	4426	311 (7.03)	38	28	0	1	73	171
200916	116	3921	276 (7.04)	43	33	15	3	79	103
200917	125	30183	3719 (12.32)	596	698	1190	195	379	661
200918	115	27481	3911 (14.23)	402	430	2012	131	521	415
200919	114	12950	2278 (17.59)	113	124	1459	91	389	102
200920	111	12527	3189 (25.46)	47	115	2247	85	628	67
200921	112	10229	2862 (27.98)	21	57	2288	44	421	31
200922	109	10114	3416 (33.77)	10	31	2904	15	435	21
200923	104	10027	3778 (37.68)	19	31	3024	18	674	12
200924	103	10495	4208 (40.10)	8	10	3206	22	953	9
200925	98	8507	2623 (30.83)	0	20	1829	32	735	7
200926	95	6927	1700 (24.54)	1	6	1093	23	572	5
200927	70	5371	1278 (23.79)	0	3	808	6	457	4
Totals	4907	340147	60360 (17.75)	7897	2380	22076	668	16686	10653

**WHO Collaborating Laboratory Reports
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary by Region**

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

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	7	160	0 (0.00)	0	0	0	0	0	0
200841	7	167	0 (0.00)	0	0	0	0	0	0
200842	7	177	0 (0.00)	0	0	0	0	0	0
200843	7	200	0 (0.00)	0	0	0	0	0	0
200844	8	227	1 (0.44)	0	1	0	0	0	0
200845	8	250	1 (0.40)	0	0	0	0	0	1
200846	7	248	0 (0.00)	0	0	0	0	0	0
200847	8	313	0 (0.00)	0	0	0	0	0	0
200848	7	318	5 (1.57)	0	0	0	0	4	1
200849	8	362	0 (0.00)	0	0	0	0	0	0
200850	8	436	7 (1.61)	2	2	0	0	2	1
200851	8	488	6 (1.23)	2	1	0	0	1	2
200852	9	438	11 (2.51)	4	0	0	0	7	0
200853	9	490	13 (2.65)	3	1	0	0	8	1
200901	9	563	19 (3.37)	6	2	0	0	8	3
200902	9	546	45 (8.24)	11	0	0	0	32	2
200903	9	658	77 (11.70)	16	5	0	0	45	11
200904	9	866	158 (18.24)	43	4	0	0	92	19
200905	9	1072	243 (22.67)	52	2	0	0	155	34
200906	9	1501	454 (30.25)	106	18	0	0	205	125
200907	9	1460	413 (28.29)	79	18	0	0	188	128
200908	9	1415	273 (19.29)	63	7	0	0	108	95
200909	8	954	196 (20.55)	26	3	0	0	81	86
200910	9	921	179 (19.44)	30	5	0	0	60	84
200911	9	709	105 (14.81)	13	6	0	0	25	61
200912	8	683	78 (11.42)	11	2	0	0	20	45
200913	9	603	62 (10.28)	9	0	0	0	11	42
200914	9	543	66 (12.15)	18	6	0	0	9	33
200915	8	390	16 (4.10)	5	0	0	0	3	8
200916	8	344	20 (5.81)	2	1	1	0	5	11
200917	7	1402	157 (11.20)	23	34	73	3	10	14
200918	7	1465	121 (8.26)	12	19	76	9	1	4
200919	7	816	110 (13.48)	2	7	93	0	5	3
200920	7	1015	287 (28.28)	1	7	272	0	7	0
200921	7	1050	348 (33.14)	0	5	323	0	19	1
200922	7	1296	539 (41.59)	0	1	471	0	67	0
200923	7	1016	371 (36.52)	0	0	239	1	131	0
200924	7	860	246 (28.60)	1	0	71	0	174	0
200925	7	726	179 (24.66)	0	0	67	0	112	0
200926	7	506	109 (21.54)	0	0	60	0	49	0
200927	7	454	79 (17.40)	0	0	54	0	25	0
Totals	325	28108	4994 (17.77)	540	157	1800	13	1669	815

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HHS Region 2 (NJ, NY)

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	12	432	0 (0.00)	0	0	0	0	0	0
200841	11	342	1 (0.29)	0	0	0	0	1	0
200842	12	380	0 (0.00)	0	0	0	0	0	0
200843	12	414	1 (0.24)	0	0	0	0	0	1
200844	13	444	1 (0.23)	0	0	0	0	1	0
200845	13	586	0 (0.00)	0	0	0	0	0	0
200846	13	485	1 (0.21)	0	0	0	0	1	0
200847	13	559	0 (0.00)	0	0	0	0	0	0
200848	13	632	4 (0.63)	0	0	0	0	1	3
200849	13	716	3 (0.42)	0	0	0	0	2	1
200850	13	866	15 (1.73)	9	0	0	0	3	3
200851	13	936	17 (1.82)	4	1	0	0	10	2
200852	12	845	21 (2.49)	0	0	0	0	19	2
200853	12	977	34 (3.48)	4	1	0	0	27	2
200901	12	927	59 (6.36)	12	1	0	0	44	2
200902	13	940	83 (8.83)	7	2	0	0	67	7
200903	13	1097	129 (11.76)	34	5	0	0	69	21
200904	13	1185	190 (16.03)	29	1	0	0	119	41
200905	13	1583	279 (17.62)	33	7	0	0	165	74
200906	13	1554	159 (10.23)	19	1	0	0	84	55
200907	12	925	162 (17.51)	31	4	0	0	73	54
200908	12	928	175 (18.86)	32	5	0	0	58	80
200909	11	774	135 (17.44)	15	2	0	0	50	68
200910	10	632	118 (18.67)	8	3	0	0	43	64
200911	11	631	110 (17.43)	9	8	0	0	37	56
200912	11	637	99 (15.54)	3	1	0	0	46	49
200913	12	596	70 (11.74)	5	2	0	0	25	38
200914	11	478	49 (10.25)	1	5	0	0	21	22
200915	11	430	36 (8.37)	0	2	0	0	17	17
200916	10	262	13 (4.96)	0	1	6	3	1	2
200917	10	1068	223 (20.88)	17	45	88	1	42	30
200918	10	586	123 (20.99)	2	13	83	1	12	12
200919	9	545	82 (15.05)	1	10	38	9	23	1
200920	8	719	208 (28.93)	1	6	81	2	114	4
200921	9	819	235 (28.69)	1	5	93	0	136	0
200922	8	710	263 (37.04)	0	6	125	0	132	0
200923	8	743	337 (45.36)	0	2	151	4	180	0
200924	8	1107	467 (42.19)	0	0	166	0	301	0
200925	7	888	278 (31.31)	0	1	74	0	203	0
200926	7	530	115 (21.70)	0	0	32	0	83	0
200927	6	333	61 (18.32)	0	0	19	0	42	0
Totals	453	30241	4356 (14.40)	277	140	956	20	2252	711

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

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	11	239	0 (0.00)	0	0	0	0	0	0
200841	10	233	1 (0.43)	0	0	0	0	0	1
200842	10	232	0 (0.00)	0	0	0	0	0	0
200843	10	272	2 (0.74)	1	0	0	0	0	1
200844	10	315	4 (1.27)	1	0	0	0	1	2
200845	11	342	1 (0.29)	1	0	0	0	0	0
200846	11	415	1 (0.24)	1	0	0	0	0	0
200847	10	396	2 (0.51)	0	0	0	0	0	2
200848	11	347	1 (0.29)	0	0	0	0	1	0
200849	10	476	2 (0.42)	1	1	0	0	0	0
200850	11	426	9 (2.11)	8	0	0	0	1	0
200851	11	463	20 (4.32)	10	3	0	0	4	3
200852	11	481	15 (3.12)	7	0	0	0	5	3
200853	10	518	12 (2.32)	2	1	0	0	7	2
200901	10	572	45 (7.87)	25	7	0	0	6	7
200902	11	618	56 (9.06)	33	3	0	0	15	5
200903	11	610	76 (12.46)	40	7	0	0	13	16
200904	11	724	145 (20.03)	75	5	0	0	29	36
200905	11	824	202 (24.51)	87	3	0	0	39	73
200906	11	1012	333 (32.91)	171	4	0	0	68	90
200907	11	1034	375 (36.27)	168	12	0	0	70	125
200908	11	1081	389 (35.99)	138	2	0	0	92	157
200909	11	1013	381 (37.61)	115	15	0	0	87	164
200910	11	905	322 (35.58)	74	4	0	0	68	176
200911	11	891	323 (36.25)	81	6	0	0	50	186
200912	11	728	171 (23.49)	37	2	0	0	29	103
200913	11	576	133 (23.09)	34	4	0	0	10	85
200914	11	457	67 (14.66)	18	4	0	0	11	34
200915	10	375	20 (5.33)	5	0	0	0	5	10
200916	11	359	29 (8.08)	7	1	1	0	2	18
200917	11	1590	184 (11.57)	63	36	49	0	3	33
200918	11	1586	125 (7.88)	14	34	54	0	4	19
200919	12	938	118 (12.58)	8	20	81	0	2	7
200920	11	1026	158 (15.40)	5	17	130	0	6	0
200921	11	982	234 (23.83)	0	14	210	0	10	0
200922	11	1202	417 (34.69)	7	6	393	0	10	1
200923	11	1654	707 (42.74)	12	5	634	0	56	0
200924	10	1712	1165 (68.05)	0	0	1060	0	105	0
200925	10	1170	547 (46.75)	0	2	473	7	64	1
200926	9	918	405 (44.12)	0	1	358	4	41	1
200927	8	633	214 (33.81)	0	0	205	2	7	0
Totals	436	30345	7411 (24.42)	1249	219	3648	13	921	1361

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

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	25	438	4 (0.91)	0	0	0	0	2	2
200841	25	472	0 (0.00)	0	0	0	0	0	0
200842	26	548	8 (1.46)	0	0	0	0	7	1
200843	27	645	8 (1.24)	0	0	0	0	6	2
200844	27	673	8 (1.19)	0	0	0	0	6	2
200845	26	719	8 (1.11)	0	0	0	0	7	1
200846	27	767	13 (1.69)	2	0	0	0	6	5
200847	27	752	21 (2.79)	2	0	0	0	11	8
200848	26	722	18 (2.49)	0	0	0	0	6	12
200849	27	844	20 (2.37)	1	0	0	0	13	6
200850	25	861	19 (2.21)	2	0	0	0	9	8
200851	26	830	31 (3.73)	4	0	0	0	13	14
200852	27	836	39 (4.67)	5	0	0	0	12	22
200853	27	771	28 (3.63)	2	1	0	0	16	9
200901	25	861	60 (6.97)	9	0	0	0	27	24
200902	25	833	64 (7.68)	9	3	0	0	41	11
200903	26	865	89 (10.29)	22	3	0	0	44	20
200904	26	1006	142 (14.12)	37	4	0	0	68	33
200905	26	1290	251 (19.46)	74	10	0	0	109	58
200906	25	1648	341 (20.69)	82	3	0	0	172	84
200907	25	1642	368 (22.41)	99	3	0	0	183	83
200908	25	1917	422 (22.01)	93	5	0	0	205	119
200909	24	1695	343 (20.24)	56	0	0	0	171	116
200910	24	1587	273 (17.20)	35	1	0	0	122	115
200911	25	1392	288 (20.69)	79	1	0	0	91	117
200912	25	1198	201 (16.78)	59	3	0	0	52	87
200913	23	851	79 (9.28)	8	0	0	0	38	33
200914	24	744	75 (10.08)	14	0	0	0	28	33
200915	22	633	40 (6.32)	5	0	0	0	16	19
200916	22	544	25 (4.60)	0	0	0	0	21	4
200917	22	2404	218 (9.07)	31	15	9	26	61	76
200918	21	2661	277 (10.41)	68	23	39	6	90	51
200919	21	1294	134 (10.36)	21	14	39	4	45	11
200920	21	1024	83 (8.11)	5	20	38	0	6	14
200921	21	1000	155 (15.50)	4	3	88	1	50	9
200922	19	782	108 (13.81)	2	6	53	1	40	6
200923	17	889	252 (28.35)	0	2	139	3	107	1
200924	16	1128	342 (30.32)	0	2	181	2	156	1
200925	16	1020	331 (32.45)	0	8	174	2	146	1
200926	15	1014	248 (24.46)	1	1	91	3	150	2
200927	12	1090	319 (29.27)	0	0	159	1	158	1
Totals	961	42890	5753 (13.41)	831	131	1010	49	2511	1221

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

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	11	142	0 (0.00)	0	0	0	0	0	0
200841	11	171	2 (1.17)	1	0	0	0	0	1
200842	13	189	0 (0.00)	0	0	0	0	0	0
200843	15	242	10 (4.13)	2	0	0	0	4	4
200844	15	240	0 (0.00)	0	0	0	0	0	0
200845	15	278	6 (2.16)	2	0	0	0	1	3
200846	15	209	0 (0.00)	0	0	0	0	0	0
200847	16	305	4 (1.31)	1	0	0	0	1	2
200848	15	275	2 (0.73)	2	0	0	0	0	0
200849	16	366	10 (2.73)	8	2	0	0	0	0
200850	18	373	9 (2.41)	6	2	0	0	1	0
200851	15	364	20 (5.49)	10	6	0	0	1	3
200852	16	366	31 (8.47)	17	4	0	0	7	3
200853	14	411	47 (11.44)	36	3	0	0	5	3
200901	15	457	65 (14.22)	38	7	0	0	10	10
200902	15	505	84 (16.63)	53	3	0	0	17	11
200903	15	574	129 (22.47)	91	4	0	0	21	13
200904	16	645	191 (29.61)	119	10	0	0	32	30
200905	15	782	259 (33.12)	160	3	0	0	37	59
200906	16	761	282 (37.06)	172	5	0	0	19	86
200907	17	828	329 (39.73)	167	5	0	0	51	106
200908	16	976	374 (38.32)	159	4	0	0	47	164
200909	18	988	410 (41.50)	145	6	0	0	53	206
200910	16	925	371 (40.11)	113	5	0	0	70	183
200911	14	718	213 (29.67)	49	0	0	0	43	121
200912	15	632	167 (26.42)	45	0	0	0	24	98
200913	16	550	116 (21.09)	21	1	0	0	13	81
200914	13	464	76 (16.38)	16	0	0	1	9	50
200915	14	377	41 (10.88)	7	1	0	1	1	31
200916	14	355	23 (6.48)	5	1	4	0	0	13
200917	16	4538	739 (16.28)	128	59	365	76	32	79
200918	15	4395	847 (19.27)	36	26	677	34	43	31
200919	17	2938	615 (20.93)	22	8	554	0	17	14
200920	17	2884	1029 (35.68)	9	8	975	12	15	10
200921	15	2079	976 (46.95)	5	5	928	10	27	1
200922	17	2359	1194 (50.61)	0	4	1133	10	45	2
200923	17	2632	1476 (56.08)	0	7	1384	8	77	0
200924	15	2434	1258 (51.68)	5	3	1158	10	80	2
200925	14	1449	566 (39.06)	0	5	526	8	27	0
200926	14	886	274 (30.93)	0	2	251	12	9	0
200927	10	444	115 (25.90)	0	2	112	0	1	0
Totals	617	41506	12360 (29.78)	1650	201	8067	182	840	1420

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

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	16	360	3 (0.83)	0	0	0	0	3	0
200841	16	417	4 (0.96)	0	0	0	0	4	0
200842	15	368	6 (1.63)	0	0	0	0	3	3
200843	14	417	9 (2.16)	0	0	0	0	4	5
200844	14	488	8 (1.64)	2	0	0	0	6	0
200845	13	618	11 (1.78)	5	0	0	0	2	4
200846	15	783	20 (2.55)	6	0	0	0	8	6
200847	15	946	25 (2.64)	7	0	0	0	9	9
200848	15	1055	34 (3.22)	5	0	0	0	23	6
200849	15	1182	41 (3.47)	8	0	0	0	28	5
200850	15	1307	73 (5.59)	12	0	0	0	37	24
200851	15	1361	111 (8.16)	17	0	0	0	66	28
200852	15	1377	126 (9.15)	14	1	0	0	91	20
200853	14	1526	129 (8.45)	21	1	0	0	80	27
200901	15	1623	188 (11.58)	30	1	0	0	126	31
200902	15	1600	270 (16.88)	35	0	0	0	184	51
200903	15	2010	498 (24.78)	68	7	0	0	336	87
200904	14	2347	736 (31.36)	100	20	0	0	453	163
200905	15	3618	1156 (31.95)	115	10	0	0	712	319
200906	15	3597	1080 (30.03)	86	2	0	0	608	384
200907	14	2827	671 (23.74)	54	1	0	0	327	289
200908	15	2654	585 (22.04)	44	6	0	0	226	309
200909	14	2263	445 (19.66)	38	3	0	0	182	222
200910	14	1682	312 (18.55)	17	6	0	0	94	195
200911	14	1373	160 (11.65)	11	2	0	0	53	94
200912	15	1051	85 (8.09)	5	2	1	0	34	43
200913	14	770	44 (5.71)	1	0	0	0	12	31
200914	14	623	25 (4.01)	1	0	0	0	17	7
200915	14	667	10 (1.50)	1	0	0	0	5	4
200916	14	563	23 (4.09)	0	2	2	0	13	6
200917	14	10785	755 (7.00)	59	142	355	5	87	107
200918	14	8488	668 (7.87)	25	43	403	0	97	100
200919	13	2502	334 (13.35)	2	12	247	0	43	30
200920	11	1752	346 (19.75)	4	7	290	0	31	14
200921	13	1238	261 (21.08)	6	3	200	0	50	2
200922	12	914	266 (29.10)	0	1	240	0	23	2
200923	12	820	256 (31.22)	0	1	231	0	23	1
200924	12	672	219 (32.59)	1	2	176	0	40	0
200925	12	744	213 (28.63)	0	1	152	0	59	1
200926	12	518	82 (15.83)	0	2	10	0	70	0
200927	7	303	70 (23.10)	0	0	11	0	59	0
Totals	570	70209	10358 (14.75)	800	278	2318	5	4328	2629

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HHS Region 7 (IA, KS, MO, NE)

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	8	203	0 (0.00)	0	0	0	0	0	0
200841	8	212	0 (0.00)	0	0	0	0	0	0
200842	8	240	0 (0.00)	0	0	0	0	0	0
200843	8	229	0 (0.00)	0	0	0	0	0	0
200844	8	280	0 (0.00)	0	0	0	0	0	0
200845	9	337	0 (0.00)	0	0	0	0	0	0
200846	9	369	0 (0.00)	0	0	0	0	0	0
200847	9	391	0 (0.00)	0	0	0	0	0	0
200848	10	390	0 (0.00)	0	0	0	0	0	0
200849	9	483	2 (0.41)	2	0	0	0	0	0
200850	8	470	3 (0.64)	2	0	0	0	1	0
200851	8	526	5 (0.95)	0	1	0	0	4	0
200852	8	442	5 (1.13)	0	2	0	0	2	1
200853	9	479	10 (2.09)	2	4	0	0	3	1
200901	8	528	9 (1.70)	5	0	0	0	1	3
200902	8	534	19 (3.56)	9	3	0	0	5	2
200903	8	564	29 (5.14)	13	1	0	0	13	2
200904	8	667	79 (11.84)	43	5	0	0	16	15
200905	8	653	112 (17.15)	54	3	0	0	33	22
200906	8	736	146 (19.84)	68	6	0	0	39	33
200907	8	777	161 (20.72)	81	0	0	1	32	47
200908	8	666	160 (24.02)	34	0	0	0	78	48
200909	9	709	156 (22.00)	18	1	0	0	73	64
200910	8	631	115 (18.23)	12	0	0	0	43	60
200911	8	574	116 (20.21)	20	1	0	0	29	66
200912	9	500	66 (13.20)	11	0	0	0	13	42
200913	8	410	50 (12.20)	6	3	0	0	14	27
200914	8	368	22 (5.98)	3	3	0	0	5	11
200915	8	344	29 (8.43)	2	0	0	0	4	23
200916	8	356	14 (3.93)	4	0	0	0	4	6
200917	11	1480	152 (10.27)	58	9	26	25	8	26
200918	9	1640	184 (11.22)	52	12	70	14	10	26
200919	8	658	73 (11.09)	18	4	38	4	5	4
200920	8	951	92 (9.67)	1	10	49	15	15	2
200921	9	585	58 (9.91)	0	2	37	17	2	0
200922	9	550	47 (8.55)	0	3	36	0	6	2
200923	8	419	35 (8.35)	3	2	26	0	4	0
200924	8	389	53 (13.62)	0	0	44	2	6	1
200925	7	401	94 (23.44)	0	1	84	2	6	1
200926	9	374	111 (29.68)	0	0	101	1	9	0
200927	4	273	68 (24.91)	0	1	59	0	8	0
Totals	339	21788	2275 (10.44)	521	77	570	81	491	535

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

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	12	101	2 (1.98)	0	0	0	0	1	1
200841	12	126	3 (2.38)	0	0	0	0	1	2
200842	12	151	2 (1.32)	0	1	0	0	1	0
200843	12	131	0 (0.00)	0	0	0	0	0	0
200844	12	191	1 (0.52)	0	1	0	0	0	0
200845	12	227	3 (1.32)	0	0	0	0	2	1
200846	12	230	1 (0.43)	0	0	0	0	1	0
200847	11	291	5 (1.72)	1	1	0	0	3	0
200848	11	229	5 (2.18)	0	1	0	0	4	0
200849	12	309	12 (3.88)	1	2	0	0	7	2
200850	12	340	12 (3.53)	3	4	0	0	5	0
200851	13	416	14 (3.37)	1	6	0	0	7	0
200852	13	362	20 (5.52)	4	4	0	0	12	0
200853	12	485	41 (8.45)	11	7	0	0	23	0
200901	13	486	65 (13.37)	11	3	0	0	50	1
200902	13	563	73 (12.97)	12	3	0	0	52	6
200903	13	516	117 (22.67)	30	8	0	0	71	8
200904	13	806	164 (20.35)	65	18	0	0	69	12
200905	13	833	138 (16.57)	36	2	0	0	87	13
200906	13	982	210 (21.38)	50	5	0	0	137	18
200907	13	1009	194 (19.23)	47	4	0	0	122	21
200908	13	1153	229 (19.86)	25	2	0	0	158	44
200909	13	1189	249 (20.94)	42	4	0	0	148	55
200910	12	942	153 (16.24)	15	9	0	0	88	41
200911	12	842	136 (16.15)	18	6	0	0	62	50
200912	13	596	93 (15.60)	15	3	0	0	39	36
200913	11	311	47 (15.11)	1	0	0	0	23	23
200914	12	397	33 (8.31)	2	0	0	0	11	20
200915	11	401	32 (7.98)	1	3	0	0	13	15
200916	11	302	30 (9.93)	2	2	0	0	18	8
200917	15	2937	292 (9.94)	73	65	4	17	60	73
200918	13	3032	287 (9.47)	50	30	51	32	87	37
200919	12	1220	72 (5.90)	5	7	31	0	25	4
200920	14	1052	120 (11.41)	3	6	84	3	20	4
200921	14	1054	279 (26.47)	1	6	227	4	40	1
200922	13	1127	359 (31.85)	1	3	306	1	46	2
200923	10	492	71 (14.43)	3	0	48	0	20	0
200924	13	822	185 (22.51)	1	0	167	0	16	1
200925	12	710	118 (16.62)	0	1	95	0	22	0
200926	12	607	98 (16.14)	0	0	77	2	19	0
200927	8	332	68 (20.48)	0	0	42	2	24	0
Totals	503	28302	4033 (14.25)	530	217	1132	61	1594	499

**WHO Collaborating Laboratory Reports
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary by Region**

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

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	13	400	6 (1.50)	2	0	0	0	2	2
200841	13	380	7 (1.84)	4	0	0	0	2	1
200842	13	387	20 (5.17)	13	1	0	0	4	2
200843	13	497	30 (6.04)	19	0	0	0	10	1
200844	13	323	18 (5.57)	9	1	0	0	7	1
200845	13	481	35 (7.28)	22	2	0	0	10	1
200846	13	533	26 (4.88)	16	2	0	0	7	1
200847	14	467	22 (4.71)	15	0	0	0	7	0
200848	13	623	41 (6.58)	33	0	0	0	8	0
200849	12	522	30 (5.75)	22	1	0	0	7	0
200850	13	577	32 (5.55)	27	0	0	0	5	0
200851	13	484	24 (4.96)	21	1	0	0	2	0
200852	13	626	21 (3.35)	20	1	0	0	0	0
200853	13	524	30 (5.73)	28	0	0	0	2	0
200901	13	536	35 (6.53)	26	5	0	0	4	0
200902	13	539	34 (6.31)	26	5	0	0	2	1
200903	13	618	45 (7.28)	30	5	0	0	7	3
200904	13	584	76 (13.01)	43	11	0	0	9	13
200905	13	625	79 (12.64)	42	9	0	0	14	14
200906	13	576	109 (18.92)	52	13	0	0	18	26
200907	13	753	107 (14.21)	70	4	0	0	15	18
200908	13	694	148 (21.33)	77	12	0	0	20	39
200909	13	632	135 (21.36)	71	21	0	0	15	28
200910	13	673	130 (19.32)	58	19	0	0	16	37
200911	12	648	122 (18.83)	50	19	0	0	4	49
200912	13	618	134 (21.68)	56	24	0	0	8	46
200913	13	549	70 (12.75)	20	8	0	0	9	33
200914	13	535	80 (14.95)	23	17	0	0	6	34
200915	13	500	52 (10.40)	7	18	0	0	1	26
200916	12	528	54 (10.23)	12	5	1	0	6	30
200917	13	2279	694 (30.45)	97	222	114	12	64	185
200918	9	1924	846 (43.97)	85	180	311	0	161	109
200919	9	894	318 (35.57)	8	20	47	9	217	17
200920	8	1183	562 (47.51)	6	13	124	0	409	10
200921	7	781	120 (15.36)	1	2	64	0	36	17
200922	7	551	61 (11.07)	0	0	32	0	23	6
200923	8	825	144 (17.45)	0	5	71	1	57	10
200924	8	701	134 (19.12)	0	1	55	6	69	3
200925	7	718	109 (15.18)	0	0	25	5	76	3
200926	6	1068	151 (14.14)	0	0	20	1	128	2
200927	5	1026	170 (16.57)	0	0	44	1	122	3
Totals	475	28382	5061 (17.83)	1111	647	908	35	1589	771

**WHO Collaborating Laboratory Reports
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary by Region**

HHS Region 10 (AK, ID, OR, WA)

CDC Week	No. of Reporting Laboratories	No. of Specimens Tested	No. (%) of Specimens Positive for Influenza	Positive specimens by Type / Subtype					
				A(H1)	AH3	AH1SWINE	AUNSUB	AUNK	B
200840	5	131	2 (1.53)	1	0	0	0	0	1
200841	6	145	5 (3.45)	0	4	0	0	0	1
200842	6	128	1 (0.78)	0	1	0	0	0	0
200843	6	208	0 (0.00)	0	0	0	0	0	0
200844	4	202	0 (0.00)	0	0	0	0	0	0
200845	6	154	3 (1.95)	2	0	0	0	1	0
200846	5	174	0 (0.00)	0	0	0	0	0	0
200847	6	184	3 (1.63)	1	0	0	0	0	2
200848	5	142	2 (1.41)	0	0	0	0	0	2
200849	4	182	0 (0.00)	0	0	0	0	0	0
200850	6	238	4 (1.68)	0	1	0	0	2	1
200851	6	278	8 (2.88)	4	0	0	0	0	4
200852	6	154	0 (0.00)	0	0	0	0	0	0
200853	5	225	11 (4.89)	6	0	0	0	2	3
200901	6	246	16 (6.50)	3	1	0	0	10	2
200902	5	262	15 (5.73)	4	0	0	0	10	1
200903	4	241	21 (8.71)	6	0	0	0	9	6
200904	6	325	20 (6.15)	5	0	0	0	15	0
200905	6	325	58 (17.85)	24	4	0	0	19	11
200906	6	403	61 (15.14)	10	6	0	0	24	21
200907	6	450	113 (25.11)	43	14	0	0	20	36
200908	6	434	130 (29.95)	23	16	0	0	18	73
200909	6	463	162 (34.99)	18	11	0	0	27	106
200910	6	521	139 (26.68)	15	13	0	0	38	73
200911	6	638	162 (25.39)	27	14	0	0	31	90
200912	6	517	108 (20.89)	17	6	0	0	19	66
200913	6	421	97 (23.04)	11	9	0	0	16	61
200914	5	357	39 (10.92)	5	2	0	0	9	23
200915	5	309	35 (11.33)	5	4	0	0	8	18
200916	6	308	45 (14.61)	11	20	0	0	9	5
200917	6	1700	305 (17.94)	47	71	107	30	12	38
200918	6	1704	433 (25.41)	58	50	248	35	16	26
200919	6	1145	422 (36.86)	26	22	291	65	7	11
200920	6	921	304 (33.01)	12	21	204	53	5	9
200921	6	641	196 (30.58)	3	12	118	12	51	0
200922	6	623	162 (26.00)	0	1	115	3	43	0
200923	6	537	129 (24.02)	1	7	101	1	19	0
200924	6	670	139 (20.75)	0	2	128	2	6	1
200925	6	681	188 (27.61)	0	1	159	8	20	0
200926	4	506	107 (21.15)	0	0	93	0	14	0
200927	3	483	114 (23.60)	0	0	103	0	11	0
Totals	228	18376	3759 (20.46)	388	313	1667	209	491	691

PNEUMONIA AND INFLUENZA MORTALITY
(Reported from 122 U.S. Cities)
For the Week Ending July 11, 2009
(Week 27)

YEAR	WEEK	% OF DEATHS	EXPECTED	THRESH.	TOTAL DEATHS	PNEUMONIA DEATHS	INFLUENZA DEATHS
2008	40	6.36	5.99	6.43	11295	718	0
2008	41	6.13	6.06	6.49	11302	693	0
2008	42	6.44	6.13	6.57	11017	710	0
2008	43	6.63	6.21	6.65	11470	761	0
2008	44	6.67	6.30	6.74	11281	752	0
2008	45	6.29	6.40	6.83	10934	688	0
2008	46	6.37	6.50	6.93	10679	680	0
2008	47	6.43	6.60	7.03	12011	772	0
2008	48	6.70	6.70	7.14	8674	580	1
2008	49	6.47	6.81	7.24	13317	862	0
2008	50	6.87	6.91	7.34	12452	854	1
2008	51	6.82	7.01	7.44	12236	835	0
2008	52	6.71	7.10	7.53	8662	581	0
2008	53	7.08	7.19	7.62	10224	723	1
2009	1	6.98	7.27	7.70	14783	1031	1
2009	2	7.58	7.34	7.78	13467	1021	0
2009	3	7.09	7.40	7.84	12678	897	2
2009	4	6.97	7.46	7.89	13222	918	4
2009	5	7.15	7.50	7.93	12585	900	0
2009	6	6.86	7.53	7.96	12682	865	5
2009	7	7.42	7.54	7.98	11497	849	4
2009	8	7.20	7.55	7.98	12491	897	2
2009	9	7.39	7.54	7.98	12325	902	9
2009	10	7.02	7.52	7.96	12151	852	1
2009	11	7.09	7.49	7.92	12081	852	4
2009	12	7.30	7.45	7.88	12250	892	2
2009	13	7.48	7.39	7.83	11440	846	10
2009	14	7.82	7.33	7.76	11080	864	3
2009	15	6.83	7.25	7.69	12089	821	5
2009	16	7.19	7.17	7.61	11523	827	2
2009	17	6.91	7.08	7.52	11711	806	3
2009	18	7.17	6.99	7.42	11303	808	2
2009	19	6.66	6.89	7.32	11277	746	5
2009	20	6.66	6.79	7.22	11412	758	2
2009	21	6.33	6.69	7.12	9797	619	1
2009	22	6.36	6.58	7.02	11182	709	2
2009	23	6.97	6.48	6.92	11193	767	13
2009	24	6.67	6.38	6.82	11193	738	9
2009	25	6.60	6.29	6.72	10459	681	9
2009	26	6.57	6.20	6.63	9052	585	10
2009	27	6.48	6.12	6.55	10961	698	12

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary for All Regions**

National Baseline: 2.4%

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	1385	531003	4820	0.908	0.938
200841	1471	572023	5844	1.022	0.988
200842	1498	577981	5885	1.018	0.983
200843	1503	594412	6327	1.064	1.031
200844	1522	594534	6761	1.137	1.103
200845	1535	607506	7103	1.169	1.087
200846	1532	592990	7432	1.253	1.123
200847	1544	606437	7674	1.265	1.202
200848	1505	476290	7636	1.603	1.368
200849	1529	594964	8675	1.458	1.314
200850	1524	575525	8660	1.505	1.313
200851	1396	476222	7727	1.623	1.456
200852	1466	401782	8683	2.161	1.811
200853	1470	422616	8583	2.031	2.134
200901	1522	577979	8951	1.549	1.457
200902	1494	561552	9253	1.648	1.627
200903	1551	579618	11521	1.988	1.971
200904	1537	608694	14255	2.342	2.432
200905	1559	637913	17978	2.818	2.951
200906	1545	641174	21199	3.306	3.564
200907	1519	618521	19894	3.216	3.387
200908	1523	654542	20856	3.186	3.514
200909	1513	618720	18305	2.959	3.195
200910	1498	630314	15600	2.475	2.624
200911	1466	598460	13147	2.197	2.465
200912	1439	600522	11249	1.873	2.013
200913	1407	599869	9391	1.566	1.815
200914	1391	559602	8475	1.514	1.626
200915	1382	551918	7102	1.287	1.281
200916	1407	569875	7288	1.279	1.313
200917	1361	607458	18269	3.007	2.747
200918	1378	580932	14460	2.489	2.255
200919	1298	521499	12016	2.304	1.777
200920	1250	515637	20258	3.929	1.953
200921	1252	512636	22235	4.337	1.920
200922	1223	510616	16824	3.295	1.734
200923	1204	464943	12050	2.592	1.839
200924	1153	479543	10188	2.125	1.922
200925	1127	467204	8284	1.773	1.647
200926	1031	429333	6573	1.531	1.346
200927	807	347905	4628	1.330	1.325
Totals	57717	22671264	462059	2.038	1.879

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary by Region**

HHS Region 1 (CT, ME, MA, NH, RI, VT) (Baseline: 1.5 %)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	119	34160	151	0.442	0.451
200841	127	35540	190	0.535	0.598
200842	125	34900	140	0.401	0.446
200843	129	38911	199	0.511	0.550
200844	131	37279	226	0.606	0.629
200845	129	38631	287	0.743	0.797
200846	127	37262	266	0.714	0.789
200847	129	35874	252	0.702	0.801
200848	123	26912	201	0.747	0.824
200849	120	36409	304	0.835	0.891
200850	122	33637	276	0.821	0.896
200851	122	27793	218	0.784	0.886
200852	120	19676	201	1.022	1.001
200853	116	21854	196	0.897	1.054
200901	116	29563	216	0.731	0.628
200902	116	30474	268	0.879	0.791
200903	117	30172	342	1.134	1.331
200904	119	34150	489	1.432	1.559
200905	121	37156	1066	2.869	3.559
200906	121	37939	1293	3.408	3.891
200907	123	35373	1061	2.999	3.015
200908	122	36112	941	2.606	2.746
200909	120	35524	581	1.636	1.680
200910	118	32423	462	1.425	1.443
200911	120	31429	424	1.349	1.474
200912	114	33597	340	1.012	0.975
200913	115	34784	296	0.851	0.857
200914	111	31720	210	0.662	0.691
200915	108	30591	117	0.382	0.377
200916	105	28055	133	0.474	0.548
200917	102	29130	386	1.325	1.473
200918	96	27509	299	1.087	1.104
200919	92	23084	241	1.044	1.267
200920	84	19652	145	0.738	0.678
200921	81	17185	165	0.960	0.825
200922	80	19650	305	1.552	1.392
200923	80	18929	277	1.463	2.308
200924	77	17861	237	1.327	2.108
200925	71	16288	129	0.792	0.653
200926	67	13980	134	0.959	0.789
200927	56	10646	95	0.892	0.705
Totals	4491	1201814	13759	1.145	1.265

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary by Region**

HHS Region 2 (NJ, NY) (Baseline: 2.9%)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	69	90864	1002	1.103	0.672
200841	81	93098	1154	1.240	0.975
200842	86	95437	1136	1.190	0.828
200843	89	94783	1126	1.188	0.819
200844	89	92229	1156	1.253	0.988
200845	94	99720	1335	1.339	1.211
200846	94	97266	1384	1.423	1.179
200847	96	95300	1431	1.502	1.232
200848	99	87341	1662	1.903	1.605
200849	95	100081	1934	1.932	1.737
200850	97	97787	1875	1.917	1.633
200851	95	95124	2103	2.211	1.634
200852	93	85104	2045	2.403	1.767
200853	89	89637	2196	2.450	2.031
200901	93	96953	2036	2.100	1.656
200902	90	93406	2007	2.149	1.694
200903	95	98414	2372	2.410	2.151
200904	92	96480	2720	2.819	2.729
200905	95	101908	2912	2.857	2.891
200906	94	101542	3187	3.139	3.454
200907	93	98152	3163	3.223	3.674
200908	86	97898	2696	2.754	3.936
200909	88	93685	2403	2.565	3.545
200910	89	95809	2478	2.586	3.901
200911	84	97381	2362	2.426	3.202
200912	84	99148	2176	2.195	2.442
200913	82	95847	1802	1.880	2.064
200914	73	91213	1624	1.780	1.901
200915	79	90329	1289	1.427	1.430
200916	82	94042	1285	1.366	1.355
200917	78	110687	4852	4.384	2.860
200918	74	100544	3234	3.217	2.188
200919	74	103928	4704	4.526	2.909
200920	67	118502	13809	11.653	5.392
200921	64	118619	15945	13.442	6.451
200922	62	106607	11050	10.365	5.144
200923	59	96265	6396	6.644	4.712
200924	58	91063	4046	4.443	5.157
200925	56	88789	2614	2.944	3.870
200926	49	89559	1790	1.999	2.378
200927	38	83052	1279	1.540	1.560
Totals	3344	3963593	127770	3.224	2.549

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

2008-2009 Influenza Season

Update: Friday, July 17, 2009

Summary by Region

HHS Region 3 (DE, DC, MD, PA, VA, WV) (Baseline: 3.5%)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	132	72528	766	1.056	1.276
200841	148	80022	777	0.971	1.172
200842	146	80606	810	1.005	1.078
200843	149	81753	974	1.191	1.294
200844	153	78112	1039	1.330	1.552
200845	162	84957	1088	1.281	1.389
200846	155	81936	1103	1.346	1.507
200847	160	80230	1123	1.400	1.658
200848	160	71030	1222	1.720	1.828
200849	160	84056	1432	1.704	1.796
200850	163	83262	1431	1.719	1.898
200851	85	24904	394	1.582	1.475
200852	163	70868	1590	2.244	2.515
200853	160	43910	880	2.004	2.381
200901	163	85097	1445	1.698	1.661
200902	160	80271	1371	1.708	1.857
200903	167	84829	1608	1.896	1.964
200904	165	84285	2096	2.487	2.357
200905	167	88399	2556	2.891	2.876
200906	168	91651	3579	3.905	5.042
200907	160	90626	3668	4.047	5.010
200908	169	95838	4640	4.842	7.177
200909	168	87991	3416	3.882	4.658
200910	165	89620	2460	2.745	3.223
200911	165	88842	2264	2.548	3.655
200912	166	89851	2023	2.252	3.154
200913	161	87571	1921	2.194	3.828
200914	157	83032	1485	1.788	2.906
200915	154	77971	1249	1.602	2.638
200916	161	83150	1059	1.274	1.687
200917	160	92370	2263	2.450	2.318
200918	164	89179	2184	2.449	2.328
200919	158	86165	1531	1.777	1.774
200920	152	83046	1435	1.728	2.060
200921	145	79258	1340	1.691	1.835
200922	141	77070	1215	1.576	1.724
200923	146	81836	1596	1.950	2.128
200924	138	80296	1936	2.411	2.465
200925	135	76887	1643	2.137	2.146
200926	129	73131	1306	1.786	1.418
200927	115	68738	1056	1.536	1.200
Totals	6295	3295174	68974	2.093	2.499

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary by Region**

HHS Region 4 (AL, FL, GA, KY, MS, NC, SC, TN) (Baseline: 2.0%)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	326	110693	1011	0.913	0.823
200841	347	130362	1726	1.324	1.000
200842	353	130637	1626	1.245	0.947
200843	362	138166	1770	1.281	0.989
200844	370	147228	2113	1.435	1.152
200845	354	140474	2134	1.519	1.154
200846	371	142585	2433	1.706	1.337
200847	377	149867	2433	1.623	1.339
200848	353	108418	2292	2.114	1.546
200849	370	137689	2501	1.816	1.428
200850	365	128538	2632	2.048	1.561
200851	355	127621	2394	1.876	1.399
200852	344	78554	2421	3.082	1.884
200853	350	97941	2444	2.495	1.599
200901	360	131048	2207	1.684	1.182
200902	357	129899	2272	1.749	1.349
200903	382	128837	3015	2.340	1.731
200904	377	149022	3787	2.541	1.989
200905	386	146327	4872	3.330	2.764
200906	365	151347	5997	3.962	3.499
200907	367	145639	5098	3.500	3.126
200908	362	155717	5513	3.540	3.162
200909	356	137054	4847	3.537	3.107
200910	356	137423	4165	3.031	2.482
200911	349	138677	3070	2.214	1.943
200912	344	142120	2566	1.806	1.467
200913	317	130472	1898	1.455	1.189
200914	324	124548	1839	1.477	1.167
200915	318	120553	1657	1.374	0.954
200916	328	134339	1691	1.259	0.880
200917	312	134059	3338	2.490	1.831
200918	330	128612	3091	2.403	1.802
200919	268	89677	1333	1.486	1.071
200920	249	85570	1041	1.217	0.872
200921	291	89892	1291	1.436	1.024
200922	292	91660	1052	1.148	0.867
200923	291	91075	1063	1.167	0.869
200924	274	88762	1088	1.226	0.965
200925	269	87236	1350	1.548	1.150
200926	240	81669	1441	1.764	1.228
200927	205	67612	1025	1.516	1.395
Totals	13666	5007619	101537	2.028	1.614

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

2008-2009 Influenza Season

Update: Friday, July 17, 2009

Summary by Region

HHS Region 5 (IL, IN, MI, MN, OH, WI) (Baseline: 1.9%)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	228	82486	579	0.702	0.642
200841	238	87207	595	0.682	0.577
200842	243	89741	672	0.749	0.599
200843	245	91308	750	0.821	0.680
200844	245	88975	671	0.754	0.644
200845	253	93474	810	0.867	0.750
200846	248	89217	829	0.929	0.838
200847	248	91710	851	0.928	0.810
200848	245	69324	848	1.223	0.988
200849	242	85883	883	1.028	0.973
200850	249	86575	950	1.097	0.976
200851	234	72388	882	1.218	1.091
200852	232	55399	860	1.552	1.302
200853	233	60510	902	1.491	1.269
200901	251	84607	932	1.102	0.987
200902	244	78166	905	1.158	1.021
200903	237	80242	1117	1.392	1.276
200904	236	78732	1324	1.682	1.660
200905	246	93601	1839	1.965	1.929
200906	241	91630	2046	2.233	2.221
200907	236	85159	2113	2.481	2.485
200908	235	91488	2184	2.387	2.312
200909	232	90703	2458	2.710	2.576
200910	228	85663	2049	2.392	2.216
200911	225	86644	1588	1.833	1.782
200912	228	85237	1380	1.619	1.473
200913	217	82404	1166	1.415	1.252
200914	217	79841	986	1.235	1.095
200915	217	81008	931	1.149	0.876
200916	217	80127	888	1.108	0.894
200917	210	77941	1902	2.440	1.695
200918	202	71578	1542	2.154	1.613
200919	202	66787	1178	1.764	1.305
200920	196	63207	1178	1.864	1.424
200921	182	54780	1064	1.942	1.352
200922	177	56167	1097	1.953	1.393
200923	175	54767	1034	1.888	1.433
200924	176	56239	1061	1.887	1.582
200925	167	54019	776	1.437	1.142
200926	150	45634	525	1.150	0.929
200927	124	41635	334	0.802	0.700
Totals	9051	3142203	46679	1.486	1.295

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary by Region**

HHS Region 6 (AR, LA, NM, OK, TX) (Baseline: 4.6%)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	136	32696	513	1.569	1.570
200841	148	35216	560	1.590	1.603
200842	150	34555	470	1.360	1.392
200843	135	32768	511	1.559	1.529
200844	147	36070	730	2.024	2.167
200845	143	35258	541	1.534	1.624
200846	150	36137	522	1.445	1.487
200847	148	35053	633	1.806	1.855
200848	137	26537	554	2.088	2.178
200849	149	35887	641	1.786	1.781
200850	130	30972	536	1.731	1.638
200851	122	28522	700	2.454	2.468
200852	132	19926	637	3.197	2.875
200853	124	25174	688	2.733	4.334
200901	133	31807	710	2.232	2.357
200902	130	33159	946	2.853	3.162
200903	156	41555	1441	3.468	3.710
200904	148	38526	1825	4.737	5.282
200905	147	42798	2298	5.369	5.954
200906	157	41862	2511	5.998	6.501
200907	151	43234	2104	4.867	5.259
200908	149	42887	1765	4.115	4.261
200909	150	39774	1534	3.857	4.102
200910	149	60338	1280	2.121	2.482
200911	150	35830	1118	3.120	3.395
200912	142	36209	845	2.334	2.449
200913	146	34617	690	1.993	2.110
200914	151	35723	834	2.335	2.387
200915	146	36549	535	1.464	1.506
200916	158	37853	682	1.802	1.858
200917	149	41859	1807	4.317	4.198
200918	141	40527	1431	3.531	3.365
200919	148	37751	1197	3.171	3.058
200920	144	36474	884	2.424	2.456
200921	146	55905	843	1.508	1.495
200922	149	63559	714	1.123	1.096
200923	147	33286	502	1.508	1.794
200924	137	60486	603	0.997	0.863
200925	135	55335	554	1.001	0.905
200926	139	58762	662	1.127	0.996
200927	79	21728	305	1.404	1.519
Totals	5828	1583164	38856	2.454	2.531

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary by Region**

HHS Region 7 (IA, KS, MO, NE) (Baseline: 1.8%)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	62	14113	46	0.326	0.296
200841	65	12996	47	0.362	0.292
200842	70	16626	74	0.445	0.388
200843	70	16066	70	0.436	0.377
200844	67	15207	43	0.283	0.238
200845	70	15987	40	0.250	0.246
200846	65	12675	61	0.481	0.382
200847	71	15817	106	0.670	0.628
200848	68	11414	54	0.473	0.364
200849	70	15804	48	0.304	0.301
200850	69	15217	43	0.283	0.275
200851	66	10741	69	0.642	0.709
200852	66	7850	35	0.446	0.417
200853	67	9968	40	0.401	0.350
200901	69	14400	63	0.438	0.406
200902	67	14173	62	0.437	0.403
200903	67	14493	91	0.628	0.590
200904	67	13936	149	1.069	1.004
200905	67	15920	204	1.281	1.155
200906	67	16438	254	1.545	1.426
200907	65	16157	279	1.727	1.648
200908	65	16150	377	2.334	2.083
200909	67	16740	432	2.581	2.366
200910	67	16319	268	1.642	1.564
200911	64	14429	250	1.733	1.623
200912	62	12476	175	1.403	1.231
200913	66	15231	172	1.129	1.023
200914	60	11554	115	0.995	0.990
200915	63	14997	79	0.527	0.442
200916	60	13762	89	0.647	0.543
200917	57	14590	141	0.966	0.758
200918	57	14263	123	0.862	0.765
200919	51	10260	116	1.131	1.010
200920	52	10727	96	0.895	0.804
200921	53	9343	85	0.910	0.803
200922	45	9259	47	0.508	0.433
200923	44	8929	39	0.437	0.372
200924	42	8696	26	0.299	0.198
200925	43	9102	41	0.450	0.301
200926	41	7928	26	0.328	0.211
200927	29	5453	27	0.495	0.250
Totals	2503	536206	4602	0.858	0.771

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

2008-2009 Influenza Season

Update: Friday, July 17, 2009

Summary by Region

HHS Region 8 (CO, MT, ND, SD, UT, WY) (Baseline: 1.5%)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	75	35331	137	0.388	0.397
200841	73	34679	104	0.300	0.215
200842	78	35114	201	0.572	0.526
200843	79	36462	174	0.477	0.505
200844	75	35139	142	0.404	0.497
200845	80	38088	177	0.465	0.556
200846	77	37989	122	0.321	0.240
200847	74	38333	123	0.321	0.245
200848	77	28027	142	0.507	0.444
200849	76	36641	154	0.420	0.361
200850	77	36452	153	0.420	0.362
200851	72	33245	128	0.385	0.373
200852	72	24054	159	0.661	0.618
200853	73	27574	142	0.515	0.387
200901	77	38582	169	0.438	0.380
200902	71	36039	166	0.461	0.417
200903	76	38091	229	0.601	0.550
200904	75	39322	285	0.725	0.701
200905	71	40460	433	1.070	1.012
200906	72	39280	435	1.107	1.070
200907	63	35505	355	1.000	1.064
200908	73	40832	578	1.416	1.407
200909	74	40315	579	1.436	1.331
200910	71	39661	600	1.513	1.512
200911	69	39125	520	1.329	1.302
200912	64	32772	358	1.092	0.990
200913	64	53798	334	0.621	0.825
200914	59	32682	158	0.483	0.595
200915	63	34471	213	0.618	0.497
200916	64	34877	257	0.737	0.515
200917	60	35360	321	0.908	0.746
200918	68	38090	450	1.181	1.116
200919	67	35783	253	0.707	0.527
200920	66	34933	246	0.704	0.608
200921	68	30423	299	0.983	0.802
200922	63	33262	324	0.974	0.889
200923	58	30114	286	0.950	0.849
200924	58	29649	371	1.251	1.162
200925	60	31367	321	1.023	0.895
200926	53	24633	216	0.877	0.863
200927	49	26422	131	0.496	0.513
Totals	2834	1442976	10945	0.759	0.729

**U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)
2008-2009 Influenza Season
Update: Friday, July 17, 2009
Summary by Region**

HHS Region 9 (AZ, CA, HI, NV) (Baseline: 2.7%)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	201	51693	530	1.025	1.233
200841	206	54714	591	1.080	1.255
200842	203	52415	631	1.204	1.420
200843	199	56049	632	1.128	1.357
200844	200	56191	506	0.901	0.867
200845	203	52617	534	1.015	0.883
200846	201	50269	593	1.180	1.010
200847	197	56439	604	1.070	1.054
200848	198	41894	571	1.363	1.074
200849	206	55149	642	1.164	1.118
200850	209	55186	632	1.145	1.121
200851	203	48785	709	1.453	1.518
200852	202	36041	655	1.817	1.955
200853	211	40247	976	2.425	3.147
200901	213	58939	1079	1.831	2.181
200902	214	58508	1133	1.936	2.148
200903	211	55398	1166	2.105	2.442
200904	214	66091	1425	2.156	2.633
200905	213	63207	1591	2.517	2.827
200906	215	60720	1653	2.722	3.174
200907	217	59954	1709	2.851	3.064
200908	218	68768	1805	2.625	3.104
200909	216	66418	1672	2.517	2.929
200910	213	65199	1437	2.204	2.356
200911	203	58904	1205	2.046	2.142
200912	199	61844	1127	1.822	2.257
200913	197	56138	894	1.593	2.050
200914	200	60740	1033	1.701	1.703
200915	194	57392	888	1.547	1.598
200916	197	56779	1070	1.884	2.033
200917	197	63791	3003	4.708	5.320
200918	207	62364	1784	2.861	3.144
200919	204	60543	1242	2.051	1.805
200920	205	56237	1208	2.148	1.839
200921	192	52210	1063	2.036	1.952
200922	183	47336	859	1.815	1.993
200923	175	44167	740	1.675	1.956
200924	165	41214	709	1.720	2.533
200925	163	43170	737	1.707	2.289
200926	140	29813	391	1.312	1.828
200927	93	19845	322	1.623	2.156
Totals	8097	2203378	41751	1.895	2.123

U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet)

2008-2009 Influenza Season

Update: Friday, July 17, 2009

Summary by Region

HHS Region 10 (AK, ID, OR, WA) (Baseline:3.5%)

CDC Week	Number Reporting	Patient Visits	Total ILI	% Unweighted ILI	% Weighted ILI
200840	37	6439	85	1.320	1.280
200841	38	8189	100	1.221	1.282
200842	44	7950	125	1.572	1.663
200843	46	8146	121	1.485	1.569
200844	45	8104	135	1.666	1.749
200845	47	8300	157	1.892	2.066
200846	44	7654	119	1.555	1.567
200847	44	7814	118	1.510	1.576
200848	45	5393	90	1.669	1.719
200849	41	7365	136	1.847	1.874
200850	43	7899	132	1.671	1.643
200851	42	7099	130	1.831	1.945
200852	42	4310	80	1.856	1.831
200853	47	5801	119	2.051	2.270
200901	47	6983	94	1.346	1.420
200902	45	7457	123	1.649	1.595
200903	43	7587	140	1.845	2.120
200904	44	8150	155	1.902	2.077
200905	46	8137	207	2.544	2.878
200906	45	8765	244	2.784	3.154
200907	44	8722	344	3.944	3.966
200908	44	8852	357	4.033	4.384
200909	42	10516	383	3.642	4.580
200910	42	7859	401	5.102	5.601
200911	37	7199	346	4.806	4.912
200912	36	7268	259	3.564	3.961
200913	42	9007	218	2.420	3.001
200914	39	8549	191	2.234	2.560
200915	40	8057	144	1.787	1.821
200916	35	6891	134	1.945	2.227
200917	36	7671	256	3.337	3.536
200918	39	8266	322	3.895	4.335
200919	34	7521	221	2.938	2.974
200920	35	7289	216	2.963	3.825
200921	30	5021	140	2.788	3.079
200922	31	6046	161	2.663	3.036
200923	29	5575	117	2.099	2.585
200924	28	5277	111	2.103	2.468
200925	28	5011	119	2.375	2.951
200926	23	4224	82	1.941	2.629
200927	19	2774	54	1.947	2.189
Totals	1608	295137	7186	2.435	2.636

WEEKLY INFLUENZA ACTIVITY ESTIMATE
 REPORTED BY STATE AND TERRITORIAL HEALTH DEPARTMENTS
 UNITED STATES INFLUENZA SURVEILLANCE SEASON 2008-09

UPDATE - Week 27 (July 5-11, 2009)

REPORTING AREA	WEEK 23	WEEK 24	WEEK 25	WEEK 26	WEEK 27
REGION 1					
MAINE	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
N.H.	SPORADIC	SPORADIC	LOCAL	LOCAL	LOCAL
VERMONT	LOCAL	SPORADIC	SPORADIC	SPORADIC	SPORADIC
MASS.	REGIONAL	REGIONAL	REGIONAL	REGIONAL	REGIONAL
R.I.	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
CONN.	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
REGION 2					
N.Y.	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
NEW JERSEY	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
PUERTO RICO	REGIONAL	SPORADIC	SPORADIC	REGIONAL	REGIONAL
VIRGIN IS.	NO REPT.	NO REPT.	NO REPT.	NO REPT.	NO REPT.
REGION 3					
PENN.	WIDESPR	WIDESPR	WIDESPR	REGIONAL	REGIONAL
DELAWARE	WIDESPR	WIDESPR	WIDESPR	WIDESPR	WIDESPR
MARYLAND	LOCAL	REGIONAL	REGIONAL	REGIONAL	WIDESPR
D.C.	LOCAL	LOCAL	NO REPT.	LOCAL	LOCAL
VIRGINIA	WIDESPR	WIDESPR	WIDESPR	WIDESPR	REGIONAL
W. VIRGINIA	LOCAL	REGIONAL	REGIONAL	LOCAL	LOCAL
REGION 4					
N. CAROLINA	LOCAL	LOCAL	REGIONAL	REGIONAL	REGIONAL
S. CAROLINA	REGIONAL	LOCAL	REGIONAL	REGIONAL	LOCAL
GEORGIA	REGIONAL	REGIONAL	WIDESPR	WIDESPR	WIDESPR
FLORIDA	SPORADIC	LOCAL	REGIONAL	REGIONAL	REGIONAL
KENTUCKY	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
TENNESSEE	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL
ALABAMA	LOCAL	LOCAL	LOCAL	SPORADIC	SPORADIC
MISSISSIPPI	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
REGION 5					
OHIO	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
INDIANA	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
ILLINOIS	REGIONAL	REGIONAL	REGIONAL	REGIONAL	LOCAL
MICHIGAN	LOCAL	LOCAL	LOCAL	SPORADIC	LOCAL
WISCONSIN	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL
MINNESOTA	REGIONAL	REGIONAL	REGIONAL	REGIONAL	LOCAL
REGION 6					
ARKANSAS	SPORADIC	SPORADIC	LOCAL	LOCAL	REGIONAL
LOUISIANA	SPORADIC	SPORADIC	SPORADIC	SPORADIC	SPORADIC
OKLAHOMA	LOCAL	LOCAL	LOCAL	SPORADIC	SPORADIC
TEXAS	LOCAL	LOCAL	LOCAL	LOCAL	LOCAL
NEW MEXICO	LOCAL	SPORADIC	REGIONAL	LOCAL	LOCAL

REGION 7
 IOWA SPORADIC SPORADIC SPORADIC SPORADIC SPORADIC
 MISSOURI SPORADIC SPORADIC REGIONAL SPORADIC SPORADIC
 NEBRASKA SPORADIC SPORADIC LOCAL SPORADIC WIDESPR
 KANSAS SPORADIC SPORADIC SPORADIC SPORADIC SPORADIC

REGION 8
 NORTH DAKOTA SPORADIC SPORADIC SPORADIC SPORADIC SPORADIC
 SOUTH DAKOTA SPORADIC SPORADIC SPORADIC SPORADIC SPORADIC
 MONTANA SPORADIC SPORADIC SPORADIC SPORADIC NO REPT.
 WYOMING LOCAL LOCAL LOCAL LOCAL SPORADIC
 COLORADO LOCAL REGIONAL LOCAL SPORADIC SPORADIC
 UTAH WIDESPR WIDESPR WIDESPR REGIONAL LOCAL

REGION 9
 ARIZONA WIDESPR WIDESPR REGIONAL REGIONAL REGIONAL
 NEVADA SPORADIC SPORADIC LOCAL REGIONAL REGIONAL
 CALIFORNIA REGIONAL WIDESPR WIDESPR WIDESPR WIDESPR
 HAWAII WIDESPR WIDESPR WIDESPR WIDESPR WIDESPR
 GUAM NO REPT. NO REPT. NO REPT. NO REPT. NO REPT.

REGION 10
 IDAHO SPORADIC SPORADIC SPORADIC SPORADIC SPORADIC
 WASHINGTON SPORADIC SPORADIC LOCAL REGIONAL REGIONAL
 OREGON SPORADIC LOCAL LOCAL LOCAL REGIONAL
 ALASKA SPORADIC SPORADIC LOCAL LOCAL LOCAL

Activity Level	ILI activity*/Outbreaks		Laboratory data
No activity	Low	And	No lab confirmed cases [†]
Sporadic	Not increased	And	Isolated lab-confirmed cases
	OR		
Local	Not increased	And	Lab confirmed outbreak in one institution [‡]
	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
	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		
Widespread	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
	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 sentinel providers, school/workplace absenteeism, and other syndromic surveillance systems that monitor influenza-like illness.

[†] Lab confirmed case = case confirmed by rapid 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.