

Surveillance



Influenza
(Flu)

ICD-9 487; ICD-10 J10,11

Related Topics: [Protecting Yourself During the Cold and Flu Season](#), [Avian Flu](#), [Vaccine Preventable Diseases](#) and [SARS](#)

2007 - 2008 Texas Influenza Surveillance Information

Influenza Surveillance Report for MMWR Week 48

The influenza (flu) activity level for Texas for the week ending December 1, 2007 is "local." Local activity indicates that a single region of the state is experiencing an increase in ILI a confirmed influenza.

Reports were received from all 11 Health Service Regions (HSRs) for week 48. HSRs 7, 8, and 11 reported an increase in flu activity from the previous week. For a map of Health Service Regions, visit the following website:

<http://www.dshs.state.tx.us/regions/state.shtm>

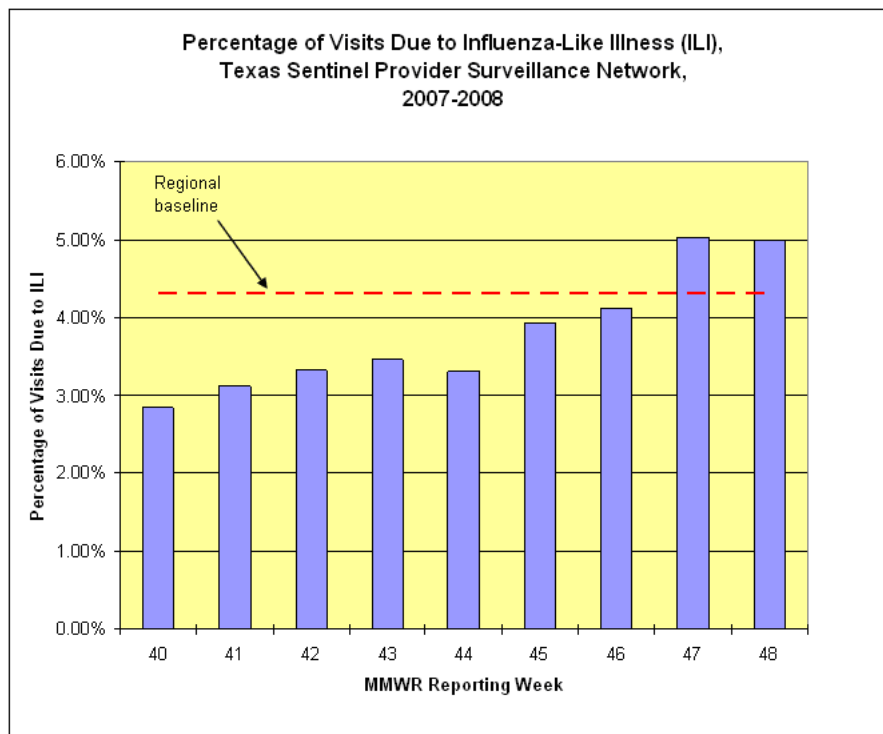
During week 48, four hospital laboratories and two public health laboratories throughout Texas reported conducting a total of 520 influenza tests (antigen, culture, and PCR) to the National Enteric Virus Surveillance System (NREVSS) sponsored by the Centers for Disease Control and Prevention (CDC). Sixteen antigen detection tests from Bell and Bexar counties were (untyped), and two viral cultures were positive for influenza A (H1N1). In all, seven reports of culture-confirmed influenza were received from NREVSS and other sources: influenza A (untyped) isolates from Harris County, influenza A (H1N1) from El Paso County, and influenza A (H3N2) from Nueces County. The Air Force Institute for Operational Medicine reported any positive cultures for influenza virus from Texas bases. Additional positive results from point-of-care rapid flu tests were reported by providers throughout the state.

The first influenza-associated pediatric death in Texas and in the United States for the 2007–2008 flu season was reported in week 48. The child was a 9-year-old resident of Bexar County with underlying medical conditions. The child had been vaccinated for the current flu season. The death occurred in MMWR week 45 (week ending November 10, 2007) after a brief illness.

No institutional outbreaks or school closures were reported for week 48.

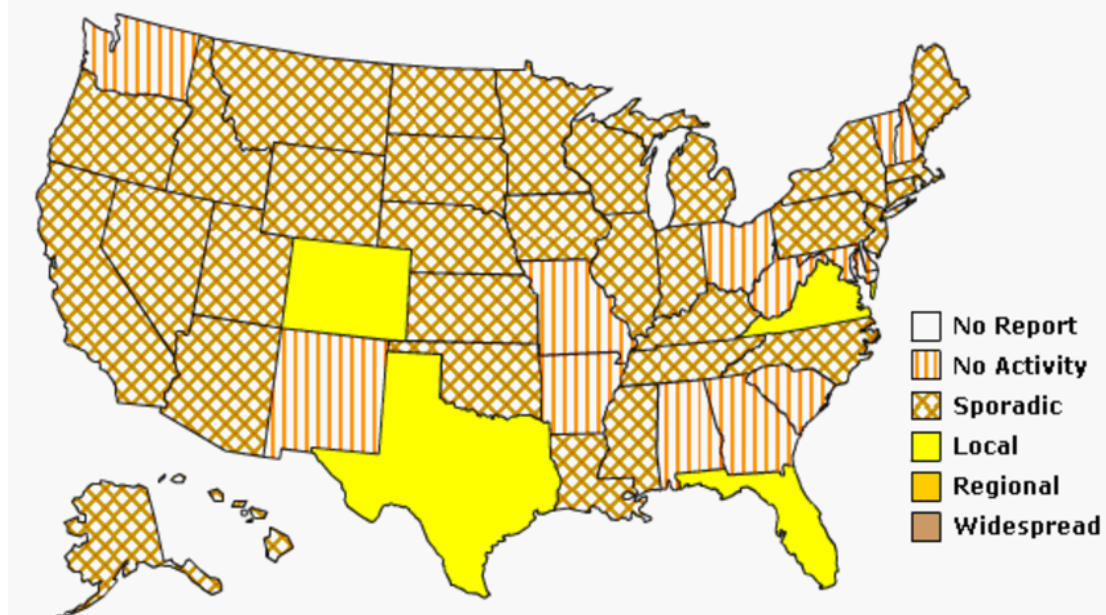
Sixty-six sentinel providers reported data to the U.S. Influenza Sentinel Provider Surveillance System (SPSN) on patients with influenza-like illness (ILI) and total patients seen for a total of 10,555 patients during week 48; of those, 38 (58%) providers reported seeing at least one patient with ILI. Of all patient visits during this week, 4.99% were for influenza-like illness. The baseline for the West South Central Region (Arkansas, Louisiana, Oklahoma, and Texas) of the United States is 4.3% for the 2007–2008 season. The baseline is the mean percentage during non-influenza weeks for the previous three seasons plus two standard deviations.

Percentage of Influenza-Like Illness (ILI) Reported by Sentinel Providers in Texas as of 12/10/2007 9:39:14 AM								
Week	# Reporting	Age 0-4	Age 5-24	Age 25-64	Age over 64	Total ILI	Total Patients	% ILI
2007-40	83	239	150	147	48	584	20610	2.83
2007-41	88	264	255	207	58	784	25255	3.10
2007-42	86	274	270	261	50	855	25776	3.31
2007-43	85	368	290	208	47	913	26428	3.45
2007-44	94	391	274	204	55	924	27993	3.30
2007-45	86	409	314	241	39	1003	25514	3.93
2007-46	78	420	299	215	65	999	24275	4.11
2007-47	87	469	300	269	73	1111	22097	5.02
2007-48	66	450	250	284	71	1055	21144	4.99



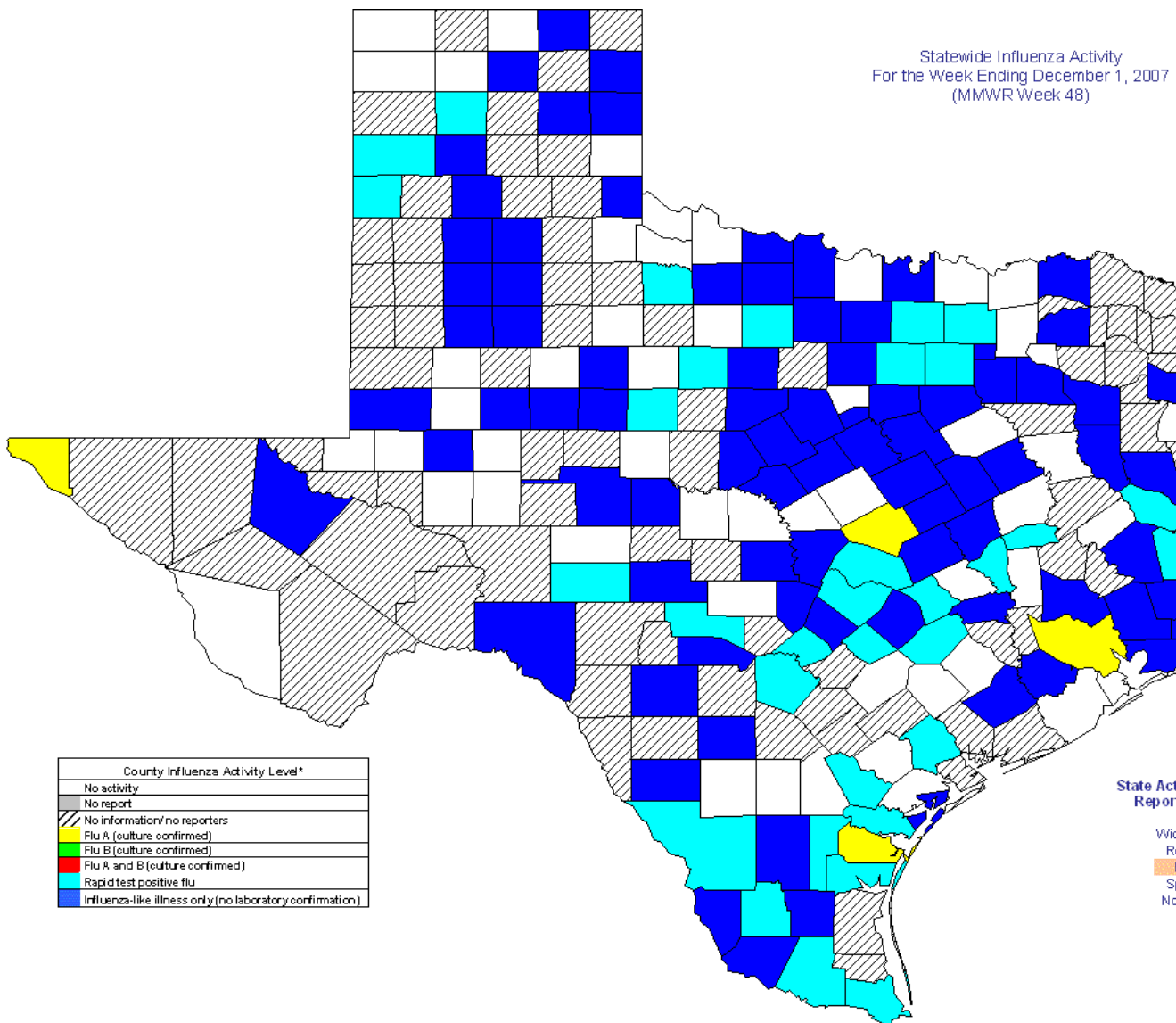
The map showing influenza activity in the United States for MMWR week 48 is displayed below. The current U.S. flu weekly report may be found at: <http://www.cdc.gov/flu/weekly/>

Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists* Week Ending December 1, 2007 - Week 48



For more information on flu surveillance activities in the State of Texas, please visit our main surveillance page.

Statewide Influenza Activity
For the Week Ending December 1, 2007
(MMWR Week 48)



*Influenza activity level corresponds to current MMWR week only and does not reflect previous weeks' activity.

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