

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 46

The influenza (flu) activity level for Texas for the week ending November 17, 2007 is "sporadic." Sporadic activity indicates that isolated reports of lab confirmed influenza along with have been reported.

Reports were received from all 11 Health Service Regions (HSRs) for week 46. HSRs 1, 6/5S, 7, and 11 reported an increase in flu activity from the previous week. For a map of Hea visit the following website:

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

During week 46, four hospital laboratories throughout Texas and the Texas Department of State Health Services (DSHS) Laboratory reported conducting a total of 570 influenza tests to the National Respiratory and Enteric Virus Surveillance System (NREVSS [®]) sponsored by the Centers for Disease Control and Prevention. A total of 32 positive antigen tests and o influenza A (untyped) were reported from Bell, Bexar, and Nueces counties. Two positive cultures for influenza were reported in NREVSS. The first was identified as influenza A (H3N2 21-year-old resident of San Patricio County. The second positive culture was identified as influenza A (untyped) and was collected from a resident of Brazos County. Three additional influenza and were not reported through NREVSS: influenza A (untyped), collected from a resident of Bell County; influenza A (H3N2), submitted from a health care provider in Jim t A (untyped), collected from a resident of Harris County. Additional positive results from point-of-care rapid flu tests were reported by providers throughout the state.

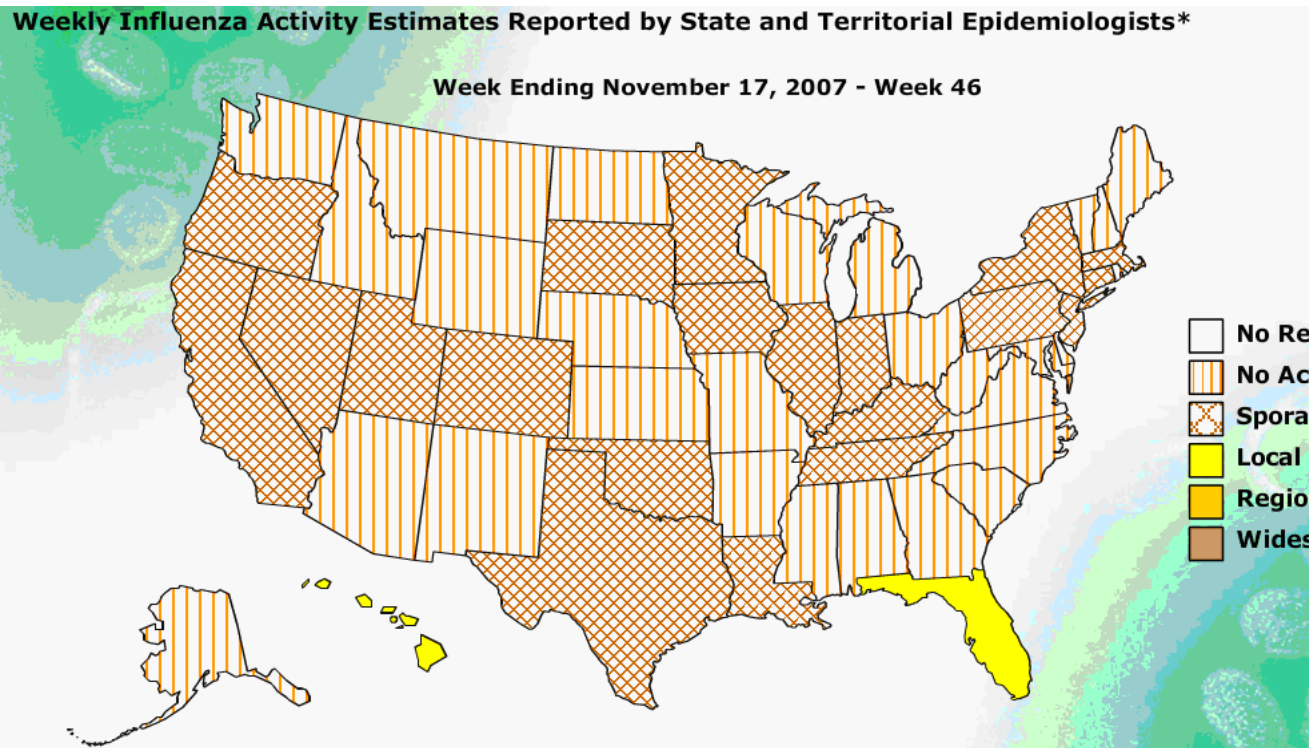
No institutional outbreaks or school closures were reported for week 46.

Forty-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 Forty-five providers reported seeing patients during week 46; of those, 30 (67%) providers reported seeing at least one patient with ILI. Of all patient visits during this week, 4.74% 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.

MMWR week 46 is the first week that the percentage of visits for ILI in Texas has exceeded the regional baseline; however, this percentage is based on reports from approximately h providers who reported in previous weeks. This drop off in reporting and coincidental elevation over baseline for percentage of visits due to ILI is likely due to the Thanksgiving holiday; accurate representation of ILI in week 46.

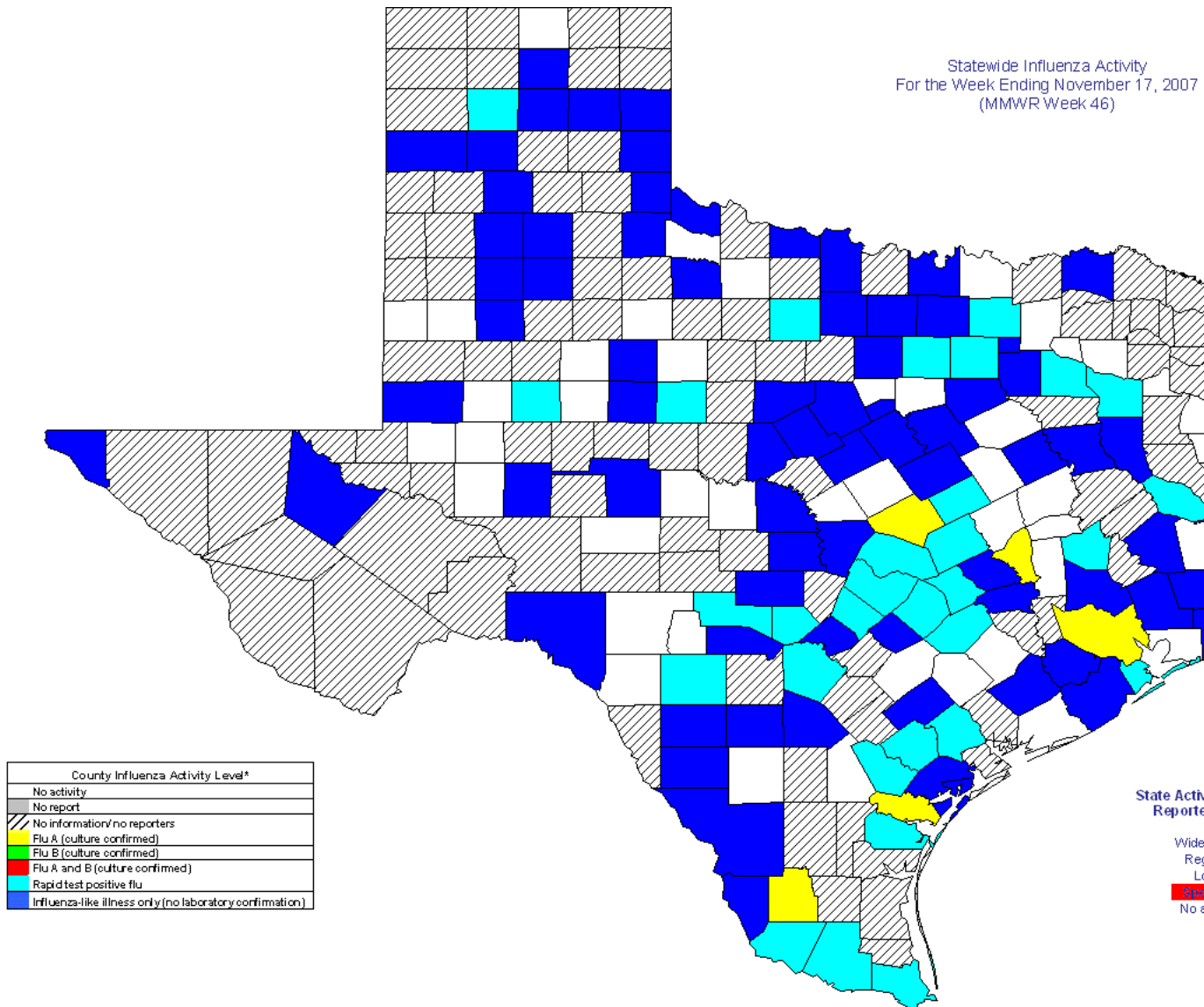
Percentage of Influenza-Like Illness (ILI) Reported by Sentinel Providers in Texas as of 11/26/2007 1:25:36 PM								
Week	# Reporting	Age 0-4	Age 5-24	Age 25-64	Age over 64	Total ILI	Total Patients	% ILI
2007-40	83	239	150	147	48	584	20610	2.83
2007-41	89	267	255	207	58	787	25318	3.10
2007-42	86	276	270	261	50	857	25709	3.33
2007-43	83	368	287	208	47	910	26179	3.47
2007-44	90	380	257	203	55	895	27453	3.26
2007-45	76	382	287	237	34	940	24482	3.83
2007-46	46	346	241	206	63	856	18065	4.74

The map showing influenza activity in the United States for MMWR week 46 is displayed below. The current U.S. flu weekly report may be found at: <http://www.cdc.gov/flu/weekly/flu>



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 November 17, 2007
 (MMWR Week 46)



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

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