



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 49

The influenza (flu) activity level for Texas for the week ending December 8, 2007 is "regional." Regional activity indicates that two or more but less than half of the regions in the state experiencing an increase in ILI and have recent laboratory-confirmed influenza.

Reports were received from all 11 Health Service Regions (HSRs) for week 49. HSRs 1, 2/3, 7, and 11 reported an increase in flu activity from the previous week. For a map of Health Regions, please visit the following website:

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

During week 49, 11 hospital laboratories throughout Texas and the Texas Department of State Health Services Laboratory reported conducting a total of 912 influenza tests (antigen, and PCR) to the National Respiratory and Enteric Virus Surveillance System (NREVSS) sponsored by the Centers for Disease Control and Prevention (CDC). Seventy antigen detect from Bell, Bexar, Lubbock, and Nueces counties were positive for influenza A/untyped. Ten viral cultures positive for influenza were also reported in NREVSS, including the first influenza of the season. In all, 13 reports of culture-confirmed influenza were received from NREVSS and other sources for the following counties:

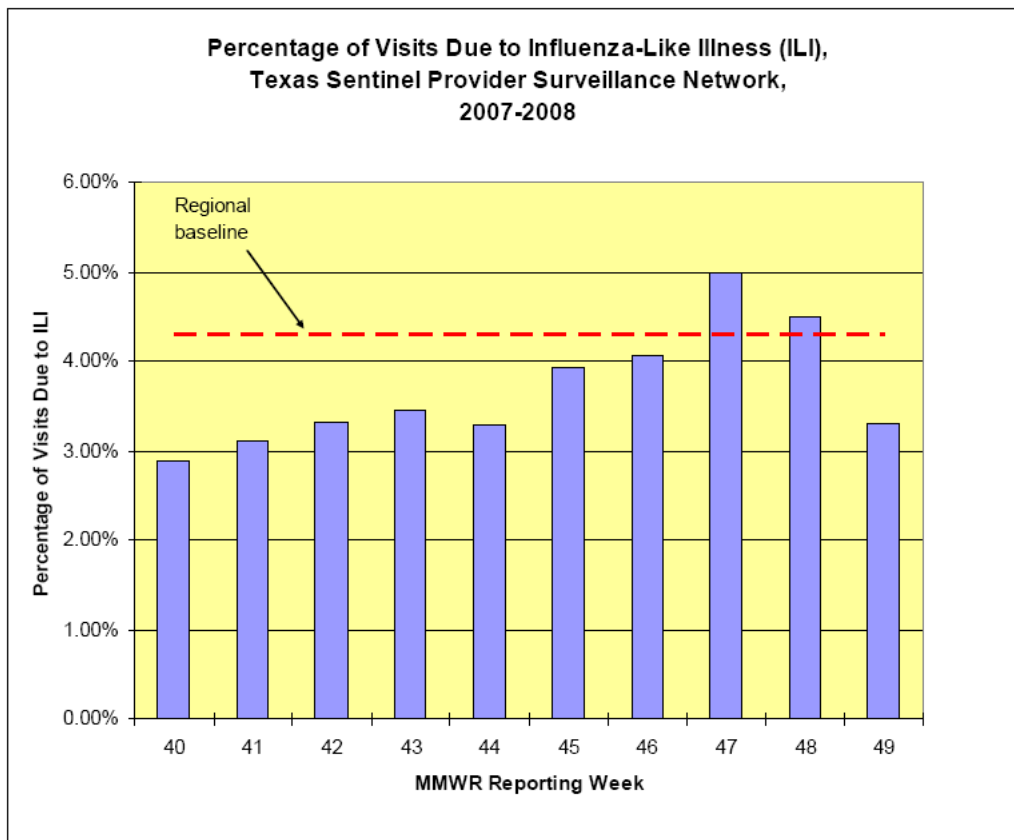
Influenza A/H1	Influenza A/H3	Influenza A/untyped	Influenza B
El Paso County	Collin County	Bell County	Dallas County (2)
Williamson County	Comal County	Dallas County	Galveston County
	Duval County		Harris County
	Erath County		
	Starr County		

The Air Force Institute for Operational Health (AFIOH) did not report any positive cultures for influenza virus from Texas bases. Additional positive results from point-of-care rapid flu reported by providers throughout the state.

No institutional outbreaks or school closures were reported for week 49.

Eighty 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 any during week 49. Fifty (62.5%) providers reported seeing at least one patient with ILI. Of all patient visits during this week, 3.30% were due to ILI. The ILI baseline for the West South Region (Arkansas, Louisiana, Oklahoma, and Texas) of the United States is 4.3% for the 2007-2008 season. The baseline is the mean percentage of patient visits for ILI during non-weeks for the previous three seasons plus two standard deviations.

Percentage of Influenza-Like Illness (ILI) Reported by Sentinel Providers in Texas as of 12/19/2007 1:28:42 PM								
Week	# Reporting	Age 0-4	Age 5-24	Age 25-64	Age over 64	Total ILI	Total Patients	% ILI
2007-40	84	256	163	151	49	619	21410	2.89
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	95	391	276	206	55	928	28213	3.28
2007-45	87	411	314	243	39	1007	25665	3.92
2007-46	79	420	299	215	65	999	24540	4.07
2007-47	90	470	302	272	73	1117	22380	4.49
2007-48	82	490	284	299	74	1147	25520	4.49
2007-49	80	208	267	162	16	653	19792	3.30



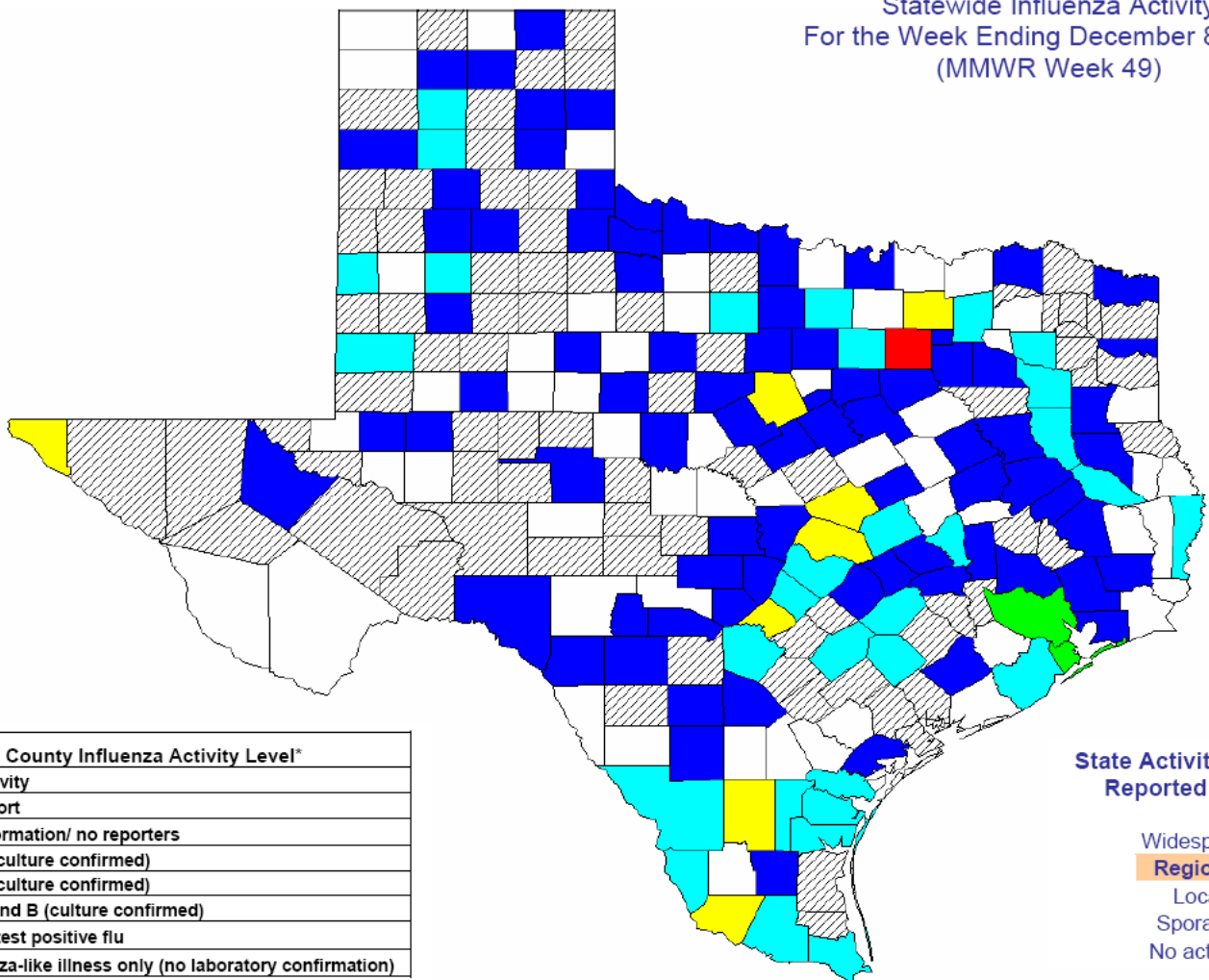
The map showing influenza activity in the United States for MMWR week 49 is displayed below. The current U.S. flu weekly report may be found at: <http://www.cdc.gov/flu/weekly/fluactivity.htm>

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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 8, 2006
(MMWR Week 49)



County Influenza Activity Level*	
[White]	No activity
[Grey]	No report
[Diagonal lines]	No information/ no reporters
[Yellow]	Flu A (culture confirmed)
[Green]	Flu B (culture confirmed)
[Red]	Flu A and B (culture confirmed)
[Cyan]	Rapid test positive flu
[Blue]	Influenza-like illness only (no laboratory confirmation)

State Activity Lev
Reported to CD

Widespread
Regional
Local
Sporadic
No activity

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

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Texas Department of State Health Services - Infectious Disease Control Unit
1100 West 49th Street, Suite T801, Mail Code: 1960 PO BOX 149347 - Austin, TX 78714-9347
(512) 458-7676 - Fax: (512) 458-7616 - E-Mail

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