



Surveillance

En Español



Influenza (Flu)
 ICD-9 487; ICD-10 J10,11
 Related Topics: Protecting Yourself During the Cold and Flu Season, Avian Flu and SARS
 Immunization Flu Reports

Overview	2006-2007	2005-2006	2004-2005	2003 - 2004	2002 - 2003
2001 - 2002	2000 - 2001	1999 - 2000	1998 - 1999		

2005 - 2006 Texas Influenza Surveillance Information

The flu activity level for the week ending January 14, 2006 is **widespread**. Flu activity has been reported in all regions of the state for the third consecutive week.

Reports were received for all 11 Health Service Regions (HSRs) for week 2. An increase in flu activity was reported in HSRs 1, 2, 3, 4/5N, and 7. Activity has remained about the same in HSRs 6/5S, 8, and 9/10. Only HSR 11 reported a decrease in activity. For a map of Health Service Regions, please visit the following website:

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

During week 2, culture confirmed influenza A was identified in Bexar, Dallas, Harris, Hemphill, Midland, Nueces, Potter, Smith, Tarrant, Travis, and Wichita Counties. Culture confirmed flu A has also been identified at both Lackland and Sheppard Air Force Base. At present, 100 influenza A isolates have been subtyped by the DSHS lab and identified as H3N2. An additional thirty-two isolates have been identified as influenza A but have not been subtyped. Three isolates have been identified as influenza B (all from Dallas County). The Centers for Disease Control and Prevention (CDC) have further characterized the influenza A isolates submitted by DSHS as A/California/07/2004-like, which is one of the A components of the current vaccine. The DSHS lab has identified the influenza B isolates as B/Shanghai/361/2002-like. These isolates have been sent to CDC for further antigenic characterization.

In addition, influenza A has been isolated in two individuals who were reportedly vaccinated earlier in the season. DSHS has received other reports from across the state of confirmed flu A (by rapid test) in individuals of various ages who have been vaccinated this season. Providers who suspect influenza in vaccinated patients, especially in those under 65 years of age, are encouraged to submit specimens to the DSHS lab for further analysis. For additional information on specimen submission, please contact your Health Service Region or the Infectious Disease Control Unit in Austin at (512) 458-7676.

A possible influenza A outbreak has been reported at a long-term care facility in Austin (Travis County); however, additional information is not available at this time. No school closures were reported during week 2.

On January 14, 2006, the CDC released an interim recommendation *against* the use of amantadine and rimantadine for the treatment or prophylaxis of influenza A in the United States during the 2005-2006 season. A significant increase in drug resistance in the currently circulating strains of the virus has been observed over the past 3 years. Zanamivir or oseltamivir should be used if antiviral treatment or prophylaxis is warranted. You can view the entire article at the following website:

<http://www.cdc.gov/flu/han011406.htm>

For more information on flu surveillance activities in the State of Texas, please visit the following website:

<http://www.dshs.state.tx.us/idcu/disease/influenza/surveillance/>

Data from the Sentinel Provider Surveillance Network (SPSN) indicates a slight decrease in influenza-like illness (ILI) from the previous week.

PERCENTAGE OF VISITS FOR INFLUENZA-LIKE-ILLNESS REPORTED BY SENTINEL PROVIDERS IN TEXAS								
Week	# Reporting	Age 0-4	Age 5-24	Age 25-64	Age over 64	Total ILI	Total Patients	% ILI

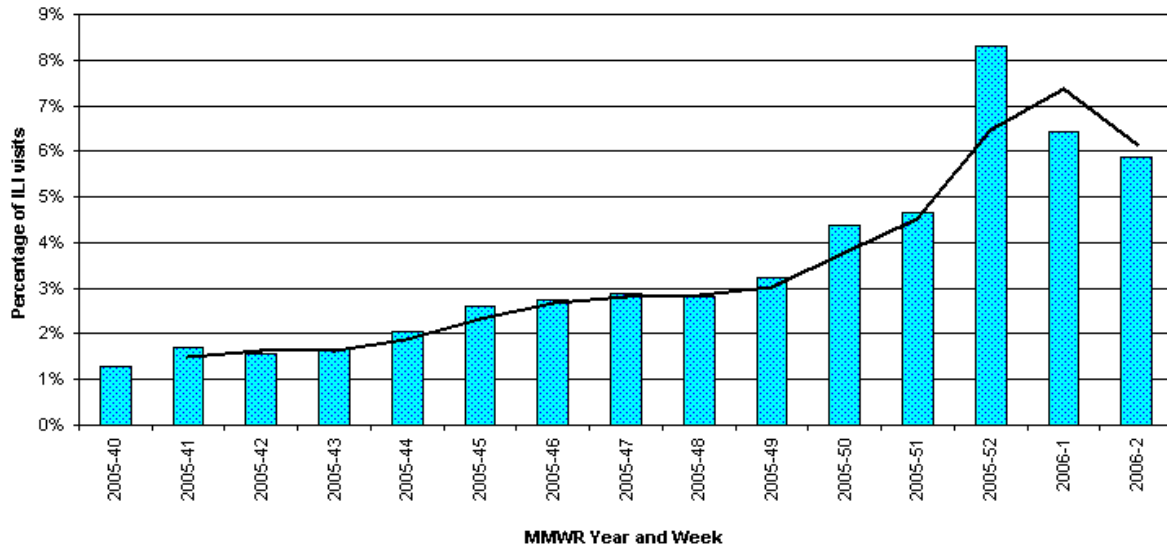
2005-45	33	68	124	93	13	298	11436	2.60
2005-46	37	102	142	117	18	379	13824	2.74
2005-47	35	95	119	93	6	313	10897	2.87
2005-48	43	144	163	128	9	444	15657	2.83
2005-49	39	118	181	116	3	418	12894	3.24
2005-50	45	160	268	190	13	631	14410	4.37
2005-51	44	146	149	61	7	363	7797	4.65
2005-52	38	219	232	362	27	840	10110	8.30
2006-01	39	177	200	300	45	722	11218	6.43
2006-02	41	156	286	229	30	701	11919	5.88

No school closures or institutional outbreaks have been reported.

For more information on flu surveillance activities in the State of Texas, please visit the following website:

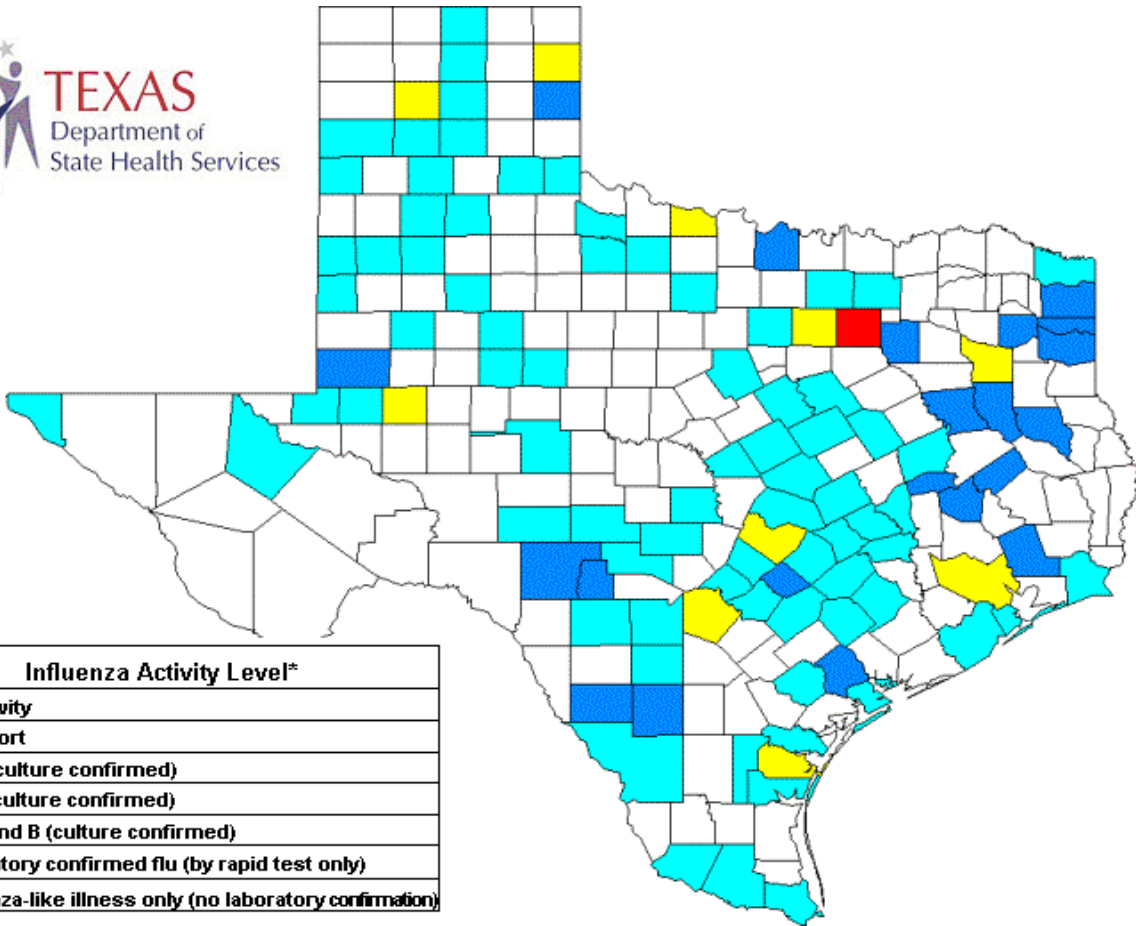
<http://www.dshs.state.tx.us/idcu/disease/influenza/surveillance/>

**Percentage of Physician Visits Due to Influenza-Like Illness,
Texas Sentinel Providers Surveillance Network,
2005-2006 Season**



Statewide Influenza Activity For the Week Ending January 14, 2006

(MMWR Week 2)



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

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