

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 March 4, 2006 is **widespread**. Flu activity was reported in all regions of the state.

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

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

During week 9, culture confirmed influenza A was identified in Bell, Brazos, Coryell, Dallas, Harris, McLennan and Williamson Counties.

A new strain of influenza A named, A/Wisconsin/67/2005-like (H3N2), has been identified from an isolate submitted to The Centers for Disease Control and Prevention (CDC) by the DSHS laboratory in January 2006. The specimen was collected from a resident of Travis County in December 2005. A/Wisconsin/67/2005 is an antigenic variant, which evolved from A/California/07/2004. An A/Wisconsin/67/2005-like virus was recommended by the World Health Organization (WHO) to be included as the H3 component for the 2006-2007 Northern Hemisphere vaccine formulation.

The majority of isolates submitted to CDC by the DSHS lab for further characterization continue to be identified as A/California/07/2004-like (H3N2), which is the H3 component of the current vaccine. A second strain of influenza A named, A/New York/55/2004-like (H3N2), was identified earlier in the season in a resident of Bell County. It has since been identified in a resident of Dallas County. A/New York/55/2004-like (H3N2) is antigenically equivalent to A/California/07/2004-like (H3N2).

Culture confirmed influenza B was identified in Brazos, Dallas, Harris, McLennan, and Travis Counties during week 9. Results on four of the influenza B isolates submitted to CDC by the DSHS lab have come in and indicate that three of the isolates are B/Florida/07/2004-like and one isolate is B/Ohio/01/2005-like. Influenza B viruses currently circulating can be divided into two antigenically distinct lineages represented by B/Yamagata/16/88 and B/Victoria/2/87 viruses. B/Florida/07/2004 is a minor antigenic variant of B/Shanghai/361/2002 and B/Ohio/1/2005 is antigenically equivalent to B/Malaysia/2506/2004.

Overall, the number of flu specimens submitted to the DSHS lab continues to decrease.

Only one influenza outbreak was reported during week 9 in a high school in Erath County (HSR 3).

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/>

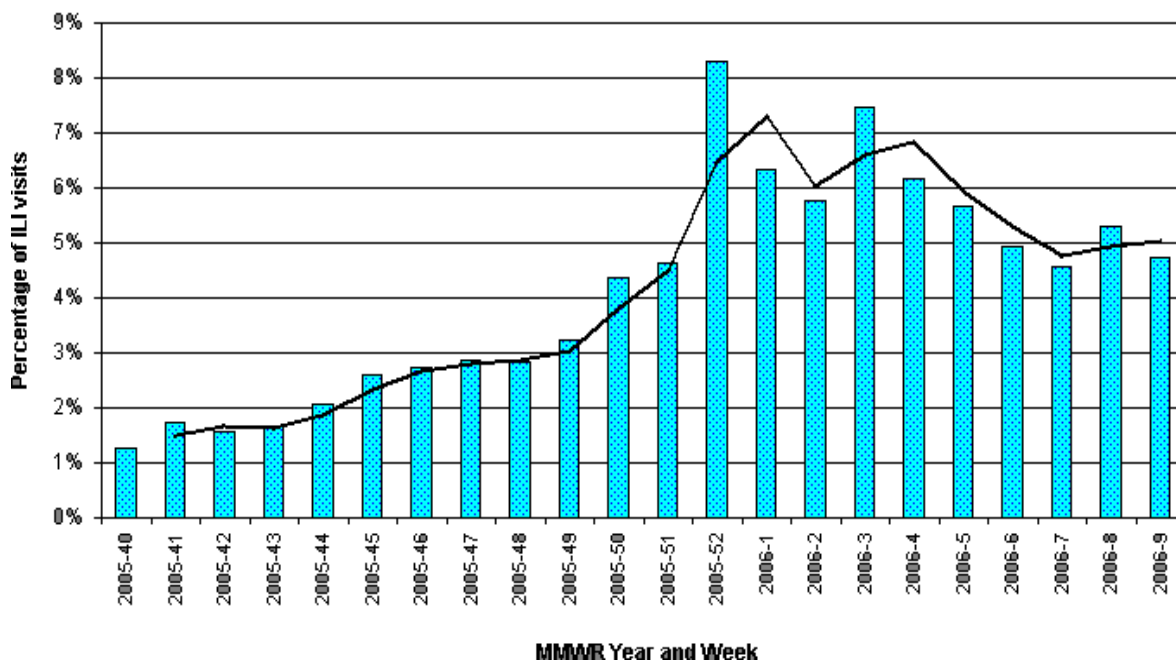
Data from the Sentinel Provider Surveillance Network (SPSN) indicates a decrease in influenza-like illness (ILI).

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
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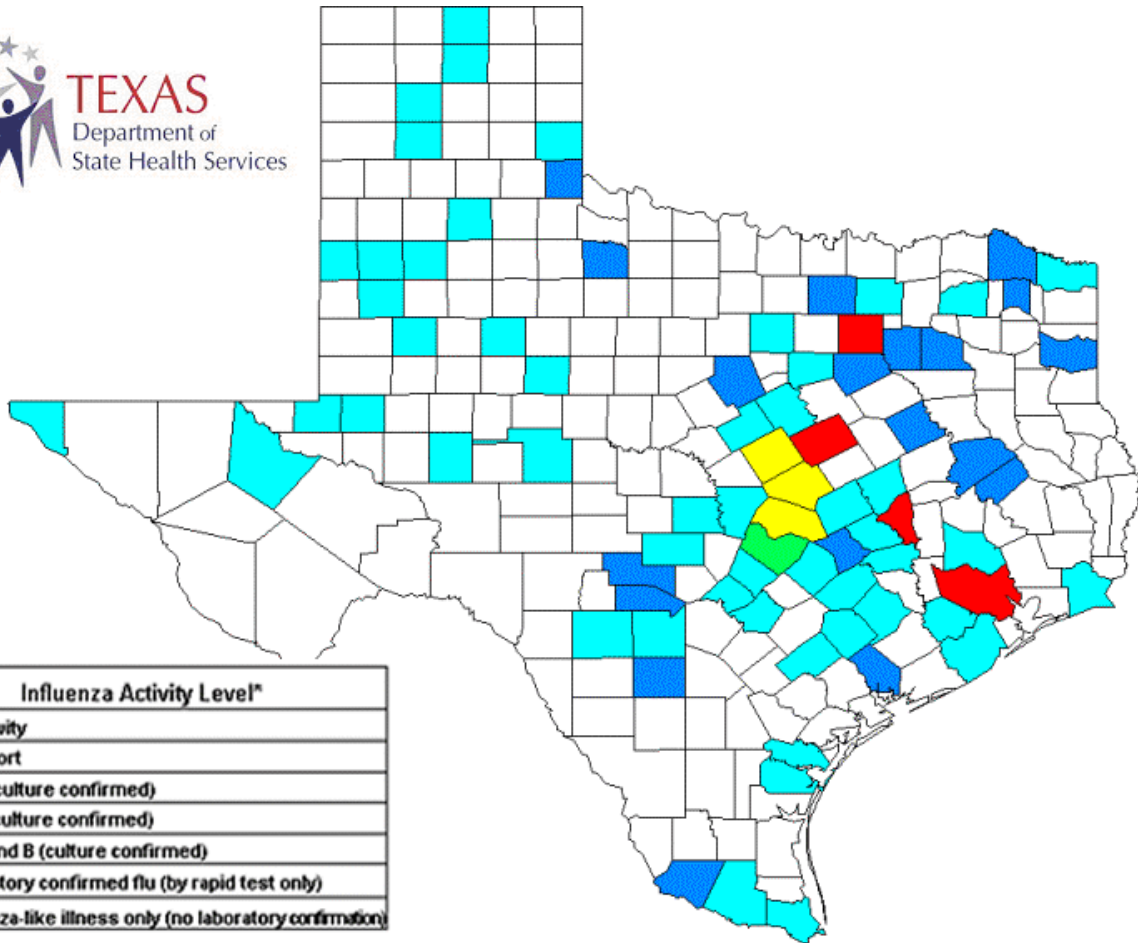
2005-49	39	118	181	116	3	418	12894	3.24
2005-50	45	160	268	190	13	631	14410	4.37
2005-51	44	146	149	61	7	363	7797	4.65
2005-52	39	219	232	363	29	843	10140	8.31
2006-01	40	177	201	297	46	721	11399	6.32
2006-02	55	229	359	269	36	893	15487	5.76
2006-03	47	297	399	287	28	1011	13520	7.47
2006-04	69	331	469	304	42	1146	18518	6.18
2006-05	64	282	420	265	44	1011	17853	5.66
2006-06	67	278	375	230	27	910	18375	4.95
2006-07	62	239	358	207	33	837	18270	4.58
2006-08	62	242	371	233	37	883	16668	5.29
2006-09	49	182	257	165	21	625	13136	4.75

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



Statewide Influenza Activity For the Week Ending March 4, 2006

(MMWR Week 9)



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

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