

Region 7 Epidemiology & Surveillance Newsletter

Influenza Season 2009-2010 Edition #5

20 November 2009



TEXAS
Department of
State Health Services

Influenza Surveillance Highlights

- Overall influenza activity continues to decrease in the Region.

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CDC Estimates of H1N1 Cases

On November 12, the Centers for Disease Control and Prevention (CDC) released estimates of the total number of 2009 H1N1 cases, deaths and hospitalizations in the United States. The number of confirmed 2009 H1N1 cases reported to health departments is considered to be a significant underestimate of the actual number of cases in a community. Many people with influenza are never captured through traditional influenza surveillance systems because they do not seek medical care. Furthermore, not everyone with influenza who seeks medical care is tested for influenza and even fewer have samples submitted for the confirmatory testing for 2009 H1N1. The new estimates by the CDC take into account this underreporting.

In the United States, between April and October 17, 2009, an estimated:

- 14 million to 34 million cases of 2009 H1N1 occurred .
- 63,000 to 153,000 2009 H1N1-related hospitalizations occurred .
- 2,500 to 6,000 2009 H1N1-related hospitalizations occurred .

For more information, go to http://www.cdc.gov/h1n1flu/estimates_2009_h1n1.htm

New or Updated Guidance

New or updated guidance from Texasflu.org and the CDC:

- Opening and Mixing Tamiflu® Capsules with Liquids if Child Cannot Swallow Capsules: CDC and Texas Guidance (11/17/09) www.texasflu.org
- Texas State Stockpile Antiviral Medication Information (rev. 11/18/09) www.texasflu.org
- Returning to Work or School – Guidance for Adults and Children with Seasonal or Novel H1N1 Influenza (rev. 11/06/09) www.texasflu.org
- Interim Guidance for Reducing the Spread of Novel H1N1 and Seasonal Influenza in Congregate Facilities (11/06/09) www.texasflu.org
- Influenza A (H1N1) 2009 Monovalent Vaccine Dosage Chart (11/17/09) www.texasflu.org
- Distribution of State and Federal Antiviral Caches During the H1N1 Influenza A Outbreak (rev. 11/10/09) www.texasflu.org
- DSHS H1N1 Influenza Vaccine – Healthcare Providers Transfer/Redistribution Procedures (11/13/09) www.texasflu.org
- Guide to Reporting Adverse Events after Vaccination (11/13/09) www.texasflu.org
- Interim Infection Control Guidance on 2009 H1N1 Influenza for Personnel at Blood and Plasma Collection Facilities 11/12/09 www.cdc.gov/h1n1flu/

Go to www.texasflu.org for up-to-date guidance

Region 7 Influenza Activity Week 45: November 8 to November 14

WEEK 45

Counties	Bastrop	Bell	Blanco	Bosque	Brazos	Burleson	Burnet	Caldwell
H1N1	0	29	<i>No Rpt</i>	0	5	0	0	0
Flu A	2	24	<i>No Rpt</i>	6	4	5	0	1
Flu B	0	0	<i>No Rpt</i>	0	0	0	0	0
Not Diff.	0	0	<i>No Rpt</i>	0	0	0	0	0
ILI	53	114	<i>No Rpt</i>	25	0	14	29	10

Counties	Coryell	Falls	Fayette	Freestone	Grimes	Hamilton	Hays	Hill
H1N1	3	0	0	0	1	0	0	0
Flu A	7	0	0	1	0	3	24	0
Flu B	1	0	0	0	0	0	1	0
Not Diff.	0	0	5	0	0	0	0	0
ILI	118	11	30	8	16	23	39	48

Counties	Lampasas	Lee	Leon	Limestone	Llano	McLennan	Madison	Milam
H1N1	0	0	0	0	0	10	1	2
Flu A	1	0	0	8	1	34	0	5
Flu B	1	0	0	0	0	3	0	0
Not Diff.	0	0	0	0	0	5	0	3
ILI	118	12	12	26	6	24	3	32

Counties	Mills	Robertson	San Saba	Travis	Washington	Williamson	Totals
H1N1	0	0	0	9	0	29	89
Flu A	0	0	0	82	0	60	268
Flu B	0	0	0	1	0	3	11
Not Diff.	0	0	0	0	0	52	65
ILI	1	20	3	981	52	530	2358

H1N1: Indicates a laboratory confirmed result, usually PCR, for the 2009 H1N1 strain. **Flu A:** May include both seasonal strains and the 2009 H1N1 strain. **Flu B:** Influenza B. **Not Diff:** Indicates a positive influenza test that does not differentiate between Influenza A or B. **ILI:** Influenza like illness is defined as a fever over 100 plus a cough and/or a sore throat in the absence of another diagnosis.

Influenza is not a reportable event, however we request reports from counties in our region to help gauge the current level of activity as well as to provide a report to Central Office. So this information is based on information provided and therefore may not represent a complete picture of what is occurring in that county.

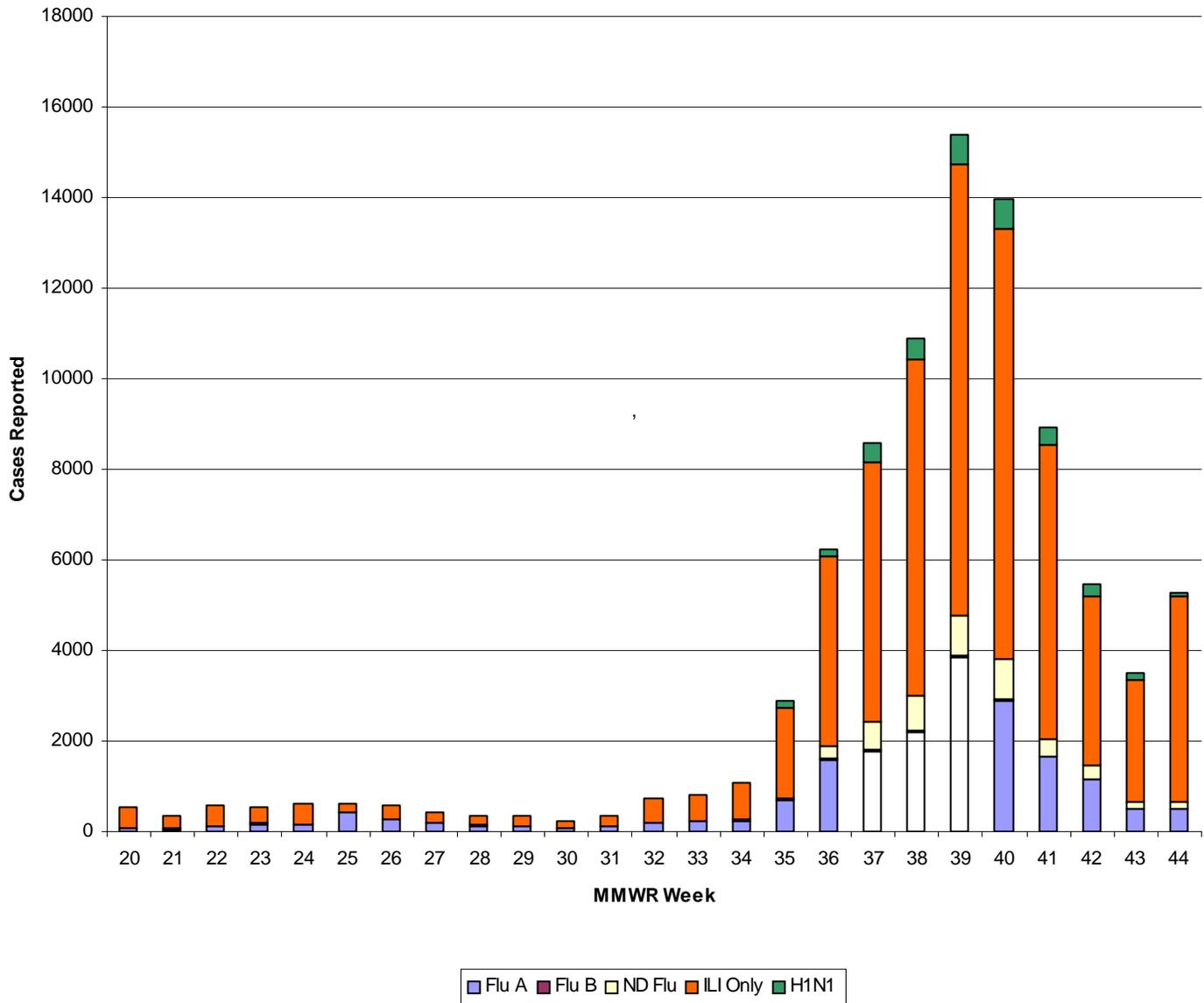
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Region 7 Flu Activity Summary

We have continued to see an overall decrease in reported influenza activity in Region 7. There have been no reports of school outbreaks in the past few weeks. The prevalent influenza strain continues to be the 2009 H1N1, though an occasional Influenza B is detected. If you would like more information please refer to this website: http://www.dshs.state.tx.us/txflu/splash/news_media.html.

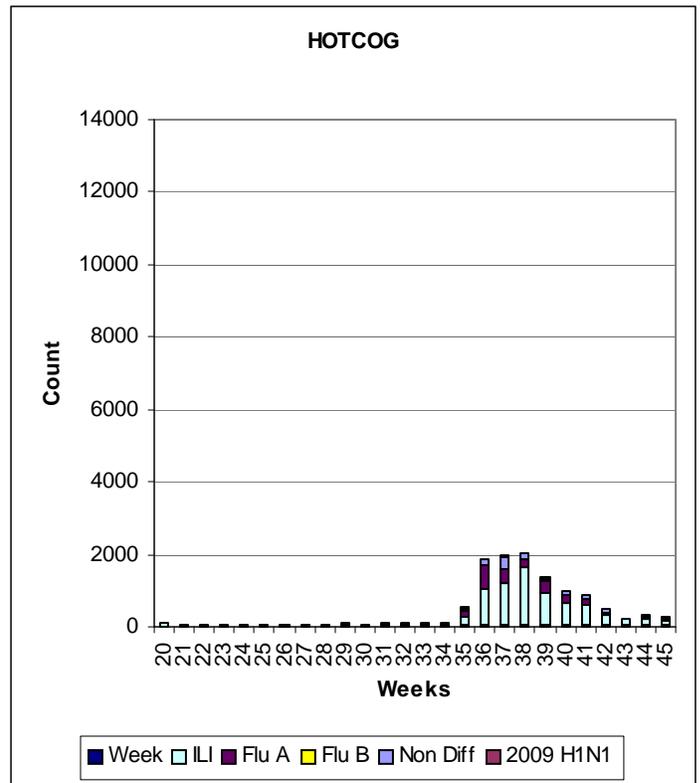
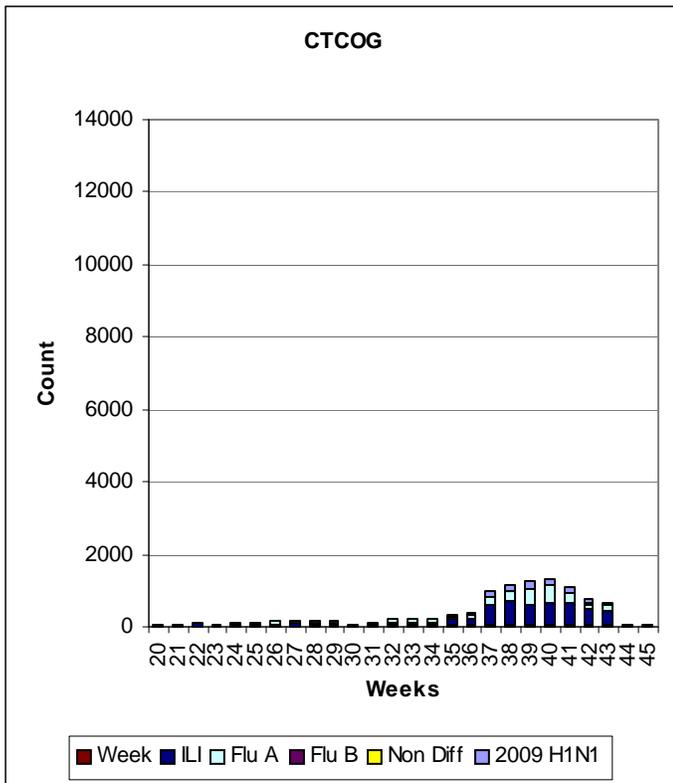
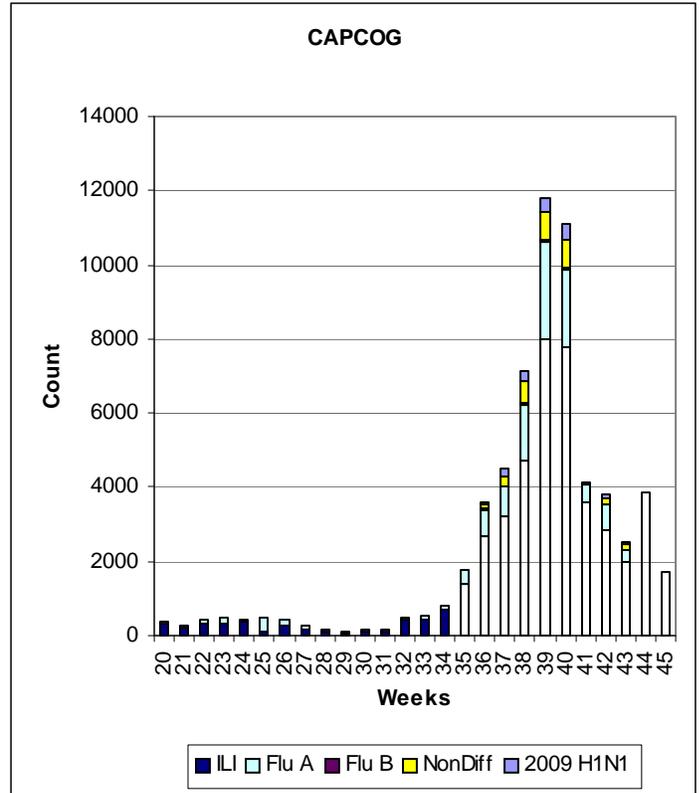
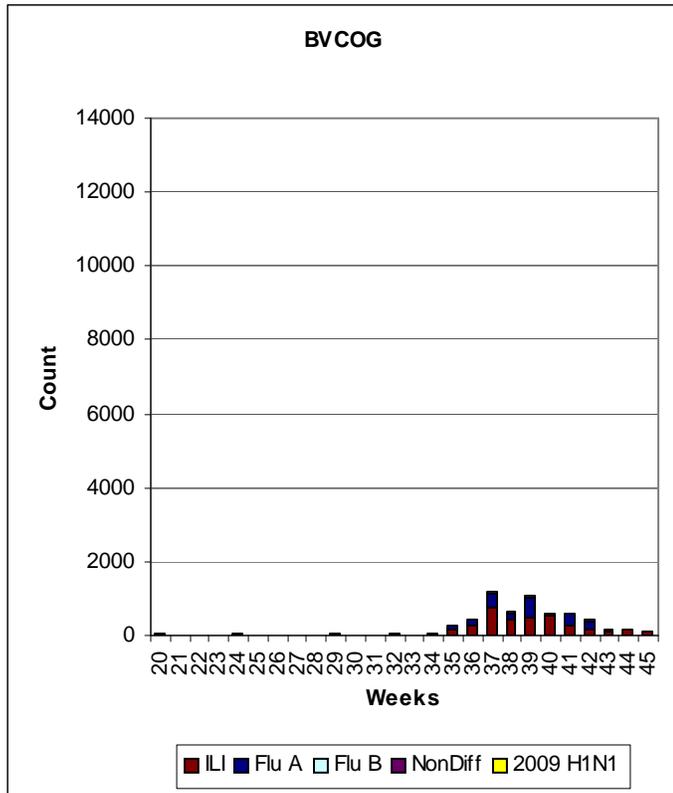
Region 7 Influenza Activity by Week

Surveillance of Influenza Activity
 Texas Department of State Health Services Region 7



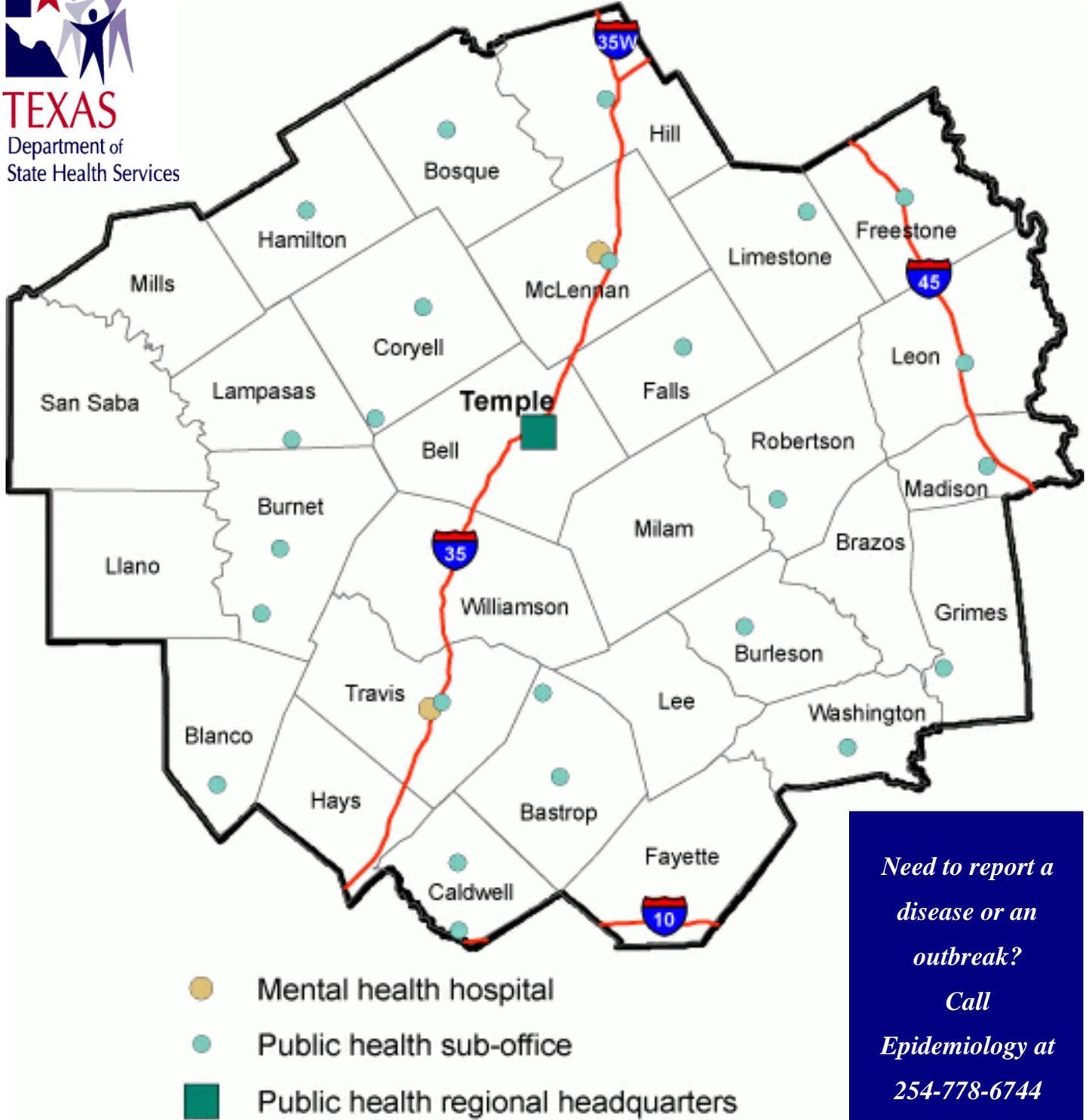
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Region 7 Flu Activity by COG





DSHS Region 7



*Need to report a
disease or an
outbreak?
Call
Epidemiology at
254-778-6744*

Regional Medical Director: Tom Betz, MD, MPH

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<http://www.dshs.state.tx.us/region7/default.shtm>

Epidemiology Program

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