

Disclaimer

Most influenza cases are not reportable in the state of Texas. The information in this report contains data submitted from sentinel sites around the region along with emergency department data.

Definitions

Before reading through the report, familiarize yourself with the following terms.

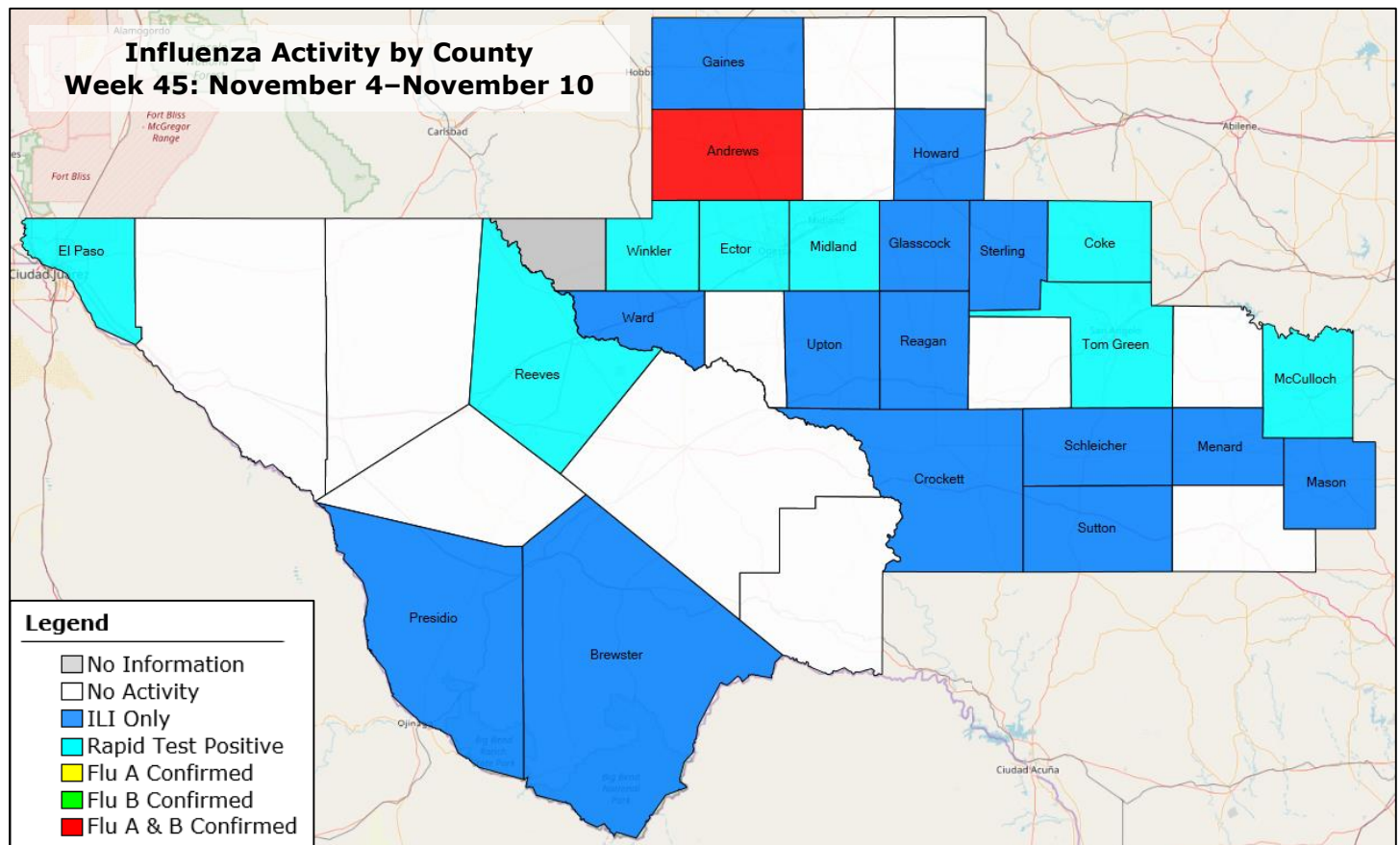
ILI: Influenza-like Illness. A fever at or above 100°F, a cough or sore throat, and no other known cause of the illness.

PCR/Culture: These are lab tests used to confirm whether a patient truly has influenza.

Findings

The percentage of patient visits to the doctor and student visits to the school nurse due to ILI increased from 3.71% to 3.84%. 23 counties out of the 36 in the region are reporting ILI, rapid flu tests, or confirmed flu tests which is one more than last week.

The Numbers



County-By-County

The information presented below aggregates all active and passive surveillance reports from the week of November 4-November 10 in Region 9/10.

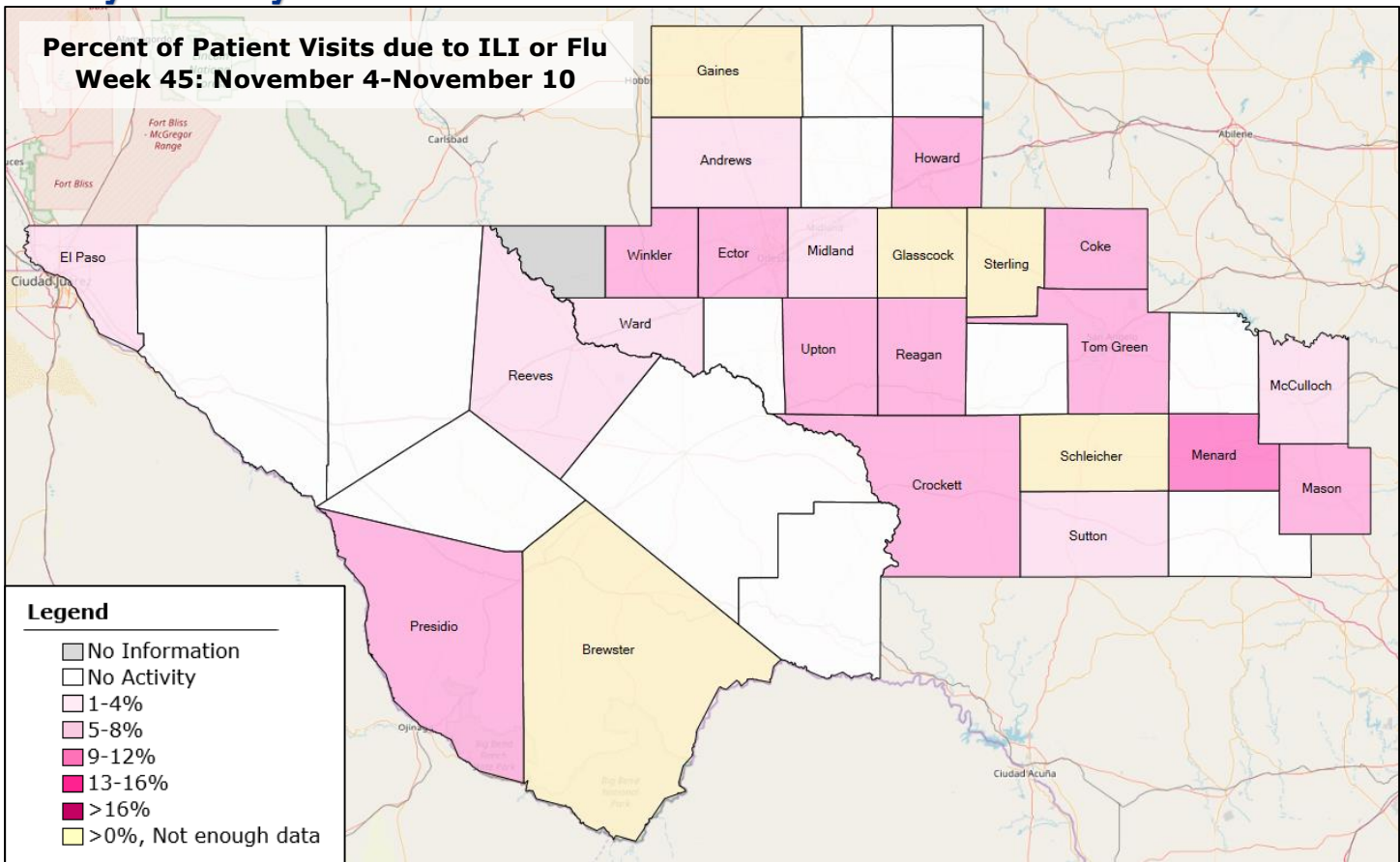
County of Patient Residence	Total Patients or Students Seen for Any Reason	# with ILI	# Rapid Test Positive	# PCR or Culture A	# PCR or Culture B	% of Visits due to ILI (Week 45)	% of Visits due to ILI (Week 44)
Andrews	488	0	0	1	5	1%	2%
Borden	1	0	0	0	0	0%	0%
Brewster	11	1	0	0	0	>0%*	0%
Coke	40	1	1	0	0	5%	7%
Concho	53	0	0	0	0	0%	2%
Crane	5	0	0	0	0	0%	0%
Crockett	20	1	0	0	0	5%	0%
Culberson	5	0	0	0	0	0%	N/A
Dawson	137	0	0	0	0	0%	1%
Ector	6046	318	13	0	0	5%	5%
El Paso	13039	315	9	0	0	2%	2%
Gaines	17	2	0	0	0	>0%*	0%
Glasscock	3	1	0	0	0	>0%*	N/A
Howard	46	3	0	0	0	7%	5%
Hudspeth	23	0	0	0	0	0%	6%
Irion	19	0	0	0	0	0%	5%
Jeff Davis	2	0	0	0	0	0%	0%
Kimble	316	0	0	0	0	0%	0%
Loving	N/A	N/A	N/A	N/A	N/A	N/A	N/A
McCulloch	589	16	1	0	0	3%	2%
Martin	3	0	0	0	0	0%	0%
Mason	31	2	0	0	0	6%	0%
Menard	23	2	0	0	0	9%	3%
Midland	1652	62	1	0	0	4%	6%
Pecos	14	0	0	0	0	0%	>0%*
Presidio	103	7	0	0	0	7%	8%
Reagan	30	2	0	0	0	7%	0%
Reeves	216	3	1	0	0	2%	3%
Schleicher	18	2	0	0	0	>0%*	9%
Sterling	17	3	0	0	0	>0%*	0%
Sutton	203	3	0	0	0	1%	1%
Terrell	21	0	0	0	0	0%	5%
Tom Green	3459	192	9	0	0	6%	6%
Upton	75	6	0	0	0	8%	3%
Ward	634	6	0	0	0	1%	1%
Winkler	310	25	1	0	0	8%	5%
Total	26422†	973	36	1	5	3.84%	3.71%

*There were not enough patient visits reported to determine an accurate representation of the percent of visits due to ILI.

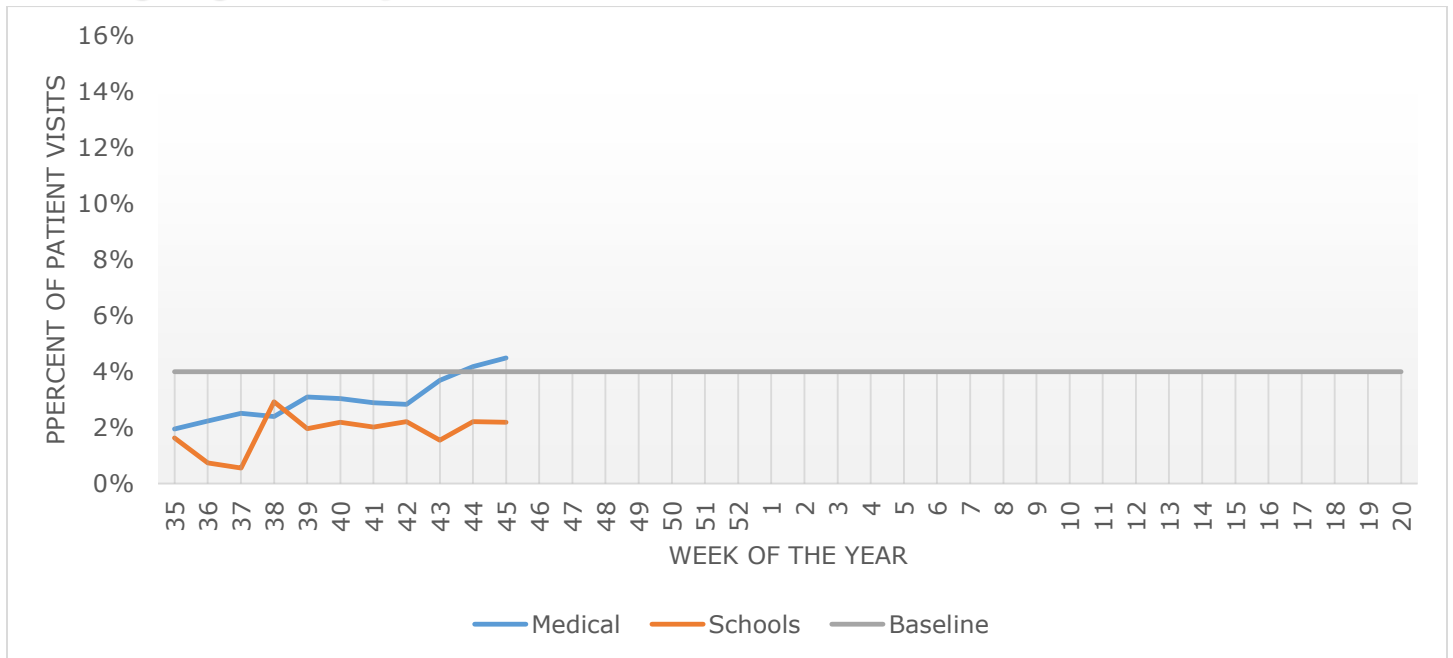
†Total Patient count does not include reports that did not include ILI counts.

Please note: The majority of influenza cases are not reportable by law in Texas. This map contains data from sentinel sites and only displays influenza and ILI cases that were reported to public health. Positive laboratory results are reported according to specimen collection date, or date received in the laboratory if the former is unknown.

ILI by County

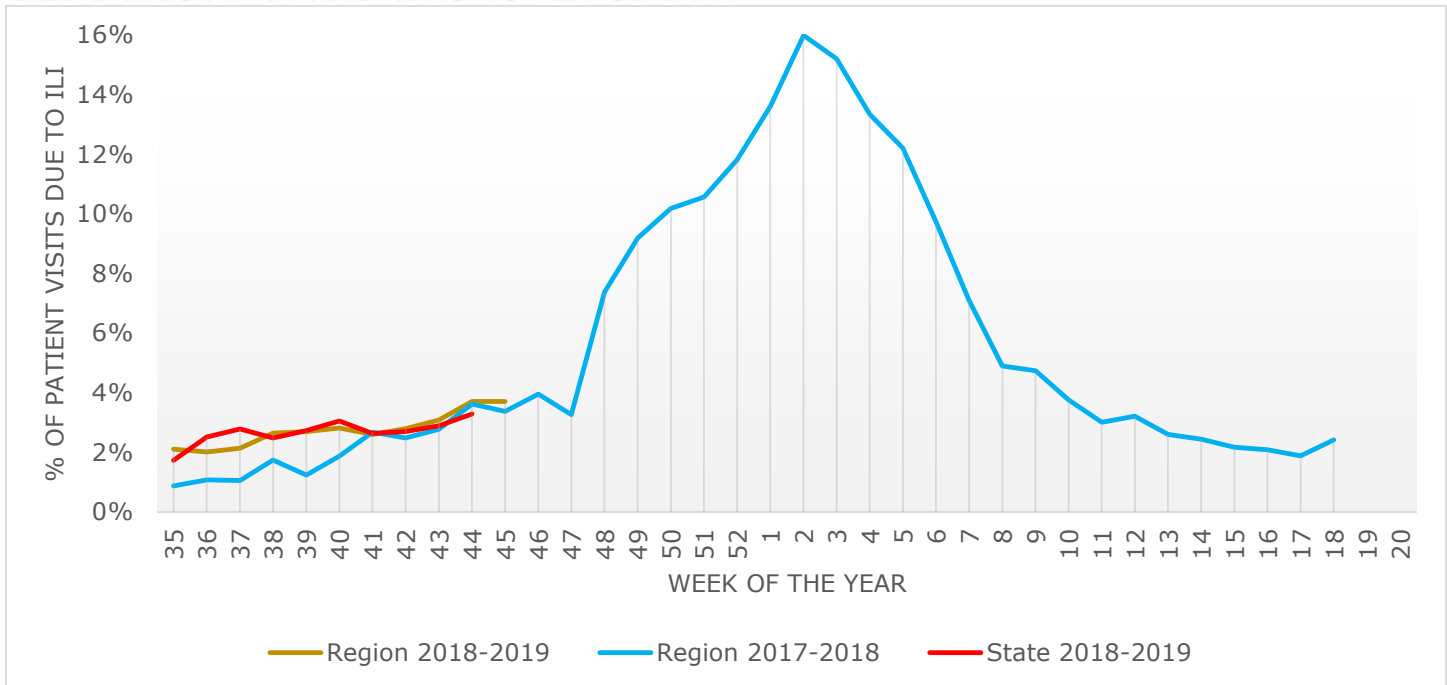


ILI Segregated by Schools & Clinics in West Texas



The **blue** line shows the percent of all patient visits at a medical facility due to ILI in Region 9/10 while the **orange** line shows the percent of all nurse visits at a school due to ILI per week in Region 9/10. The **grey** line shows the percent of visits to the doctor that we expect to see when it is not flu season.

All Patient Visits due to ILI or Flu



The **gold** line shows the percent of all hospital or school nurse visits due to ILI during the current season in our region (West Texas). The **blue** line shows the percent of all hospital visits due to ILI last season in our region (West Texas). The **red** line shows the percent of all hospital visits due to ILI during the current season statewide.

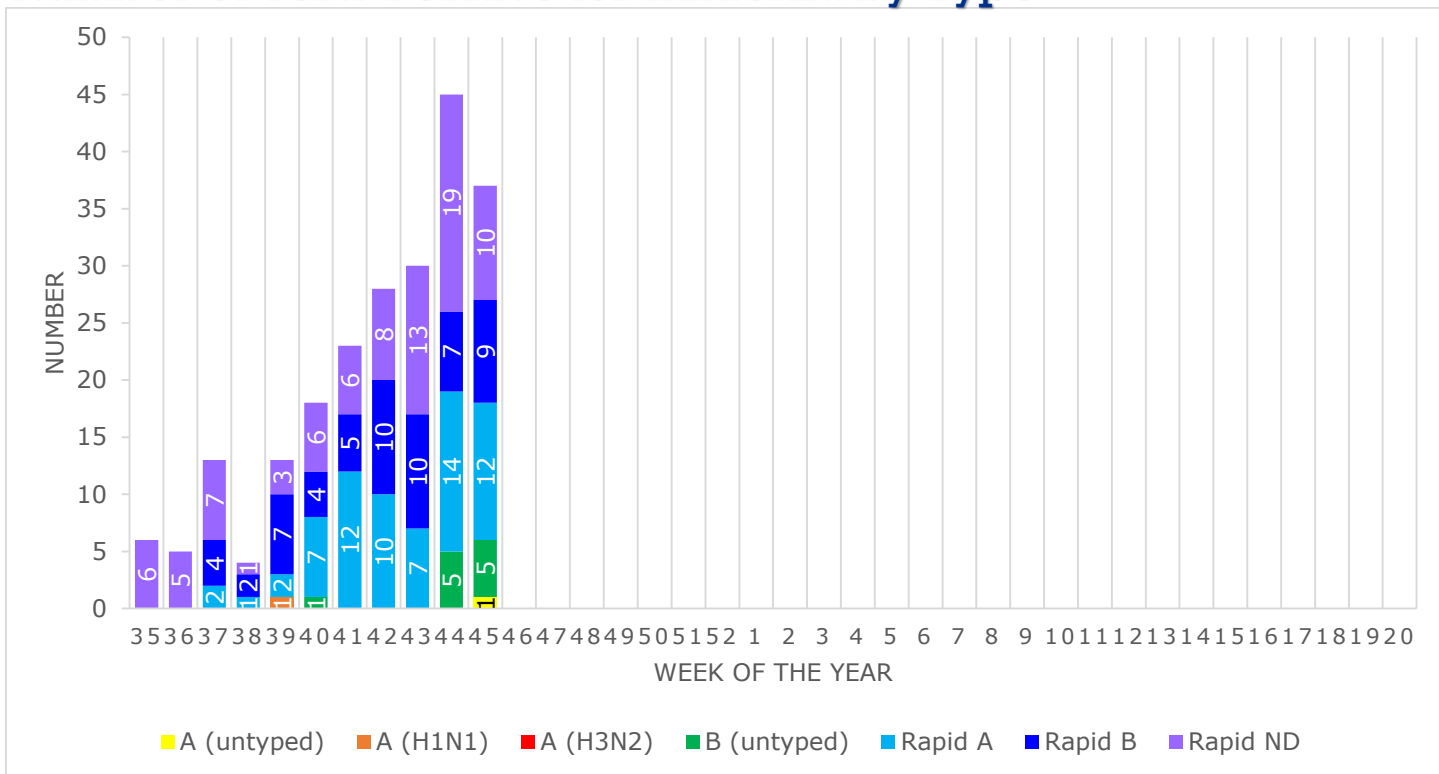
Week-by-Week Info

Week	Dates	Total Visits	Total ILI	Total Flu	%ILI 18-19	%ILI 17-18
35	08/25-09/01	11,089	217	6	2.11	1.0
36	09/02-09/08	16,274	263	5	↓ 2.05	↑ 1.6
37	09/09-09/15	16,031	289	13	↑ 2.16	↓ 0.9
38	09/16-09/22	27,466	670	4	↑ 2.63	↑ 1.1
39	09/23-09/29	22,271	592	13	↑ 2.70	= 1.1
40	09/30-10/06	18,777	580	17	↑ 2.82	↑ 1.7
41	10/07-10/13	26,009	692	15	↓ 2.60	↓ 1.2
42	10/14-10/20	22,405	596	28	↑ 2.79	↑ 1.9
43	10/21-10/27	27,637	823	30	↑ 3.09	↑ 2.7
44	10/28-11/03	26,622	942	45	↑ 3.71	↓ 2.5
45	11/04-11/10	26,422	973	36	↑ 3.84	↑ 2.8
46						↑ 3.6
47						↓ 3.4
48						↑ 4.0
49						↓ 3.3
50						↑ 7.4
51						↑ 9.2
52						↑ 10.2

Outbreaks and Pediatric Deaths

No outbreaks were reported in Region 9/10 during Week 45.
 No pediatric deaths were reported in Region 9/10 during Week 45.

Number of Tests Positive for Influenza by Type



In the News & Other Information

FASTER CHARACTERIZATION OF FLU SUBTYPES POSSIBLE



Researchers at Duke University have been working with InDevR, Inc. to develop a flu test that will determine which type of flu someone is infected with in only eight hours. As of right now, the process takes days to weeks. Trials are underway in multiple countries, including the United States and China, to determine the effectiveness of this new method.

CDC FLUVIEW UPDATE

Influenza-like illness remains relatively low across the United States. Georgia is currently the only state experiencing "moderate" levels of influenza-like illness of flu activity in the nation.

