

Weekly Flu Surveillance Report
Public Health Region 9/10
Week 50: December 8-December 14



Texas Department of State Health Services

Disclaimer

Most cases of influenza are not reportable in the state of Texas, thus the data in this report was collected from hospitals, clinics, and schools throughout the region who have agreed to voluntarily submit data.

Definitions

ILI: Influenza-Like Illness. This is an illness that resembles the flu, but has not been confirmed. **Rapid:** These tests are typically done in-house to quickly test for influenza. **PCR:** These tests are generally more precise than rapid tests and are performed at the DSHS state lab and many commercial labs to confirm a case of influenza.

Geographic Spread of Influenza in the Region

No Activity	Sporadic	Local	Regional	Widespread
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Geographic spread is determined using the CDC's guidelines for flu activity: <http://www.cdc.gov/flu/weekly/overview.htm>.

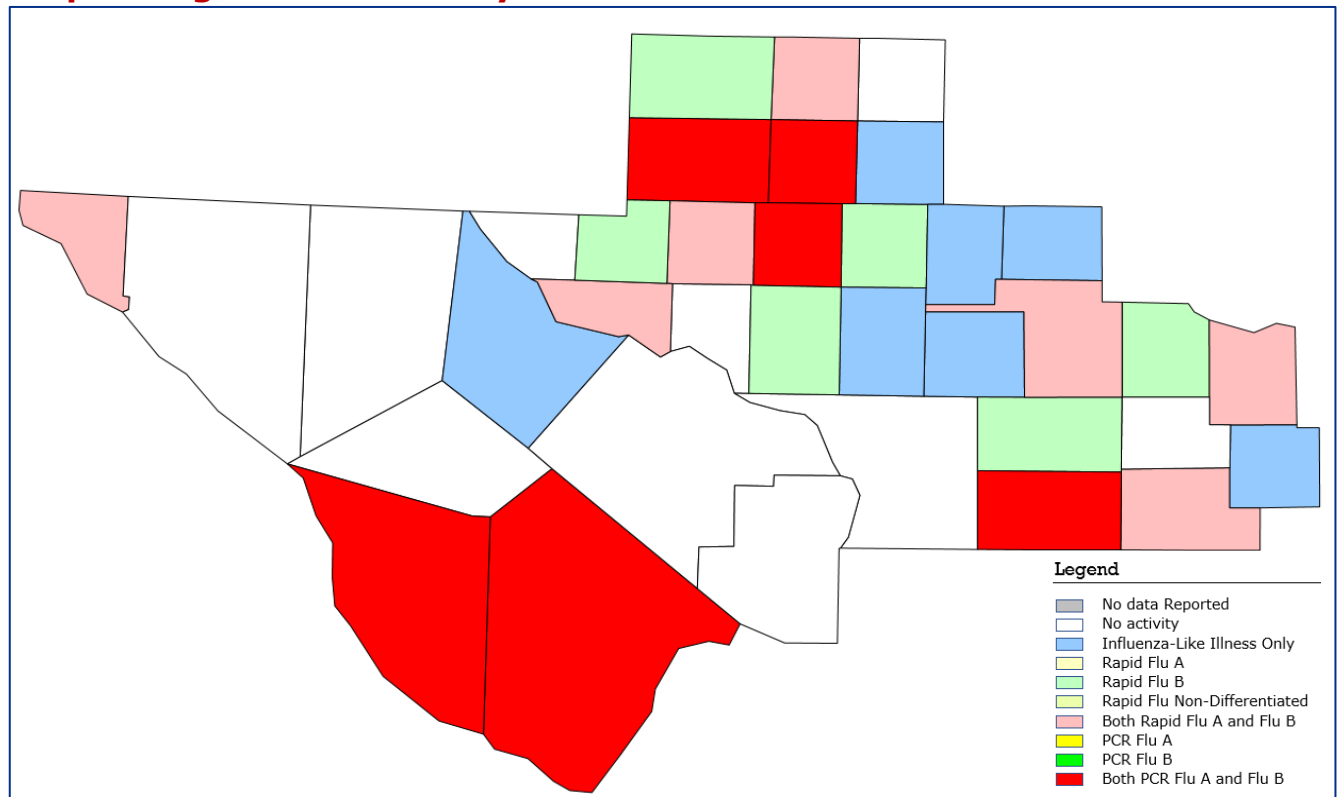
Summary Data

Condition	Week 50	Week 49	Week 48
Number of Counties Reporting (36 total)	→ 36	36	36
Number of Counties Reporting ILI	↓ 24	25	24
Number of Counties Reporting High Levels of ILI*	↓ 16	19	20
Number of Counties Reporting Flu A	→ 13	13	11
Number of Counties Reporting Flu B	↑ 19	14	10
Number of Counties Reporting Flu A & Flu B	↑ 13	12	7

The arrows represent changes from the previous week. A sideways arrow means there was no change in that condition.

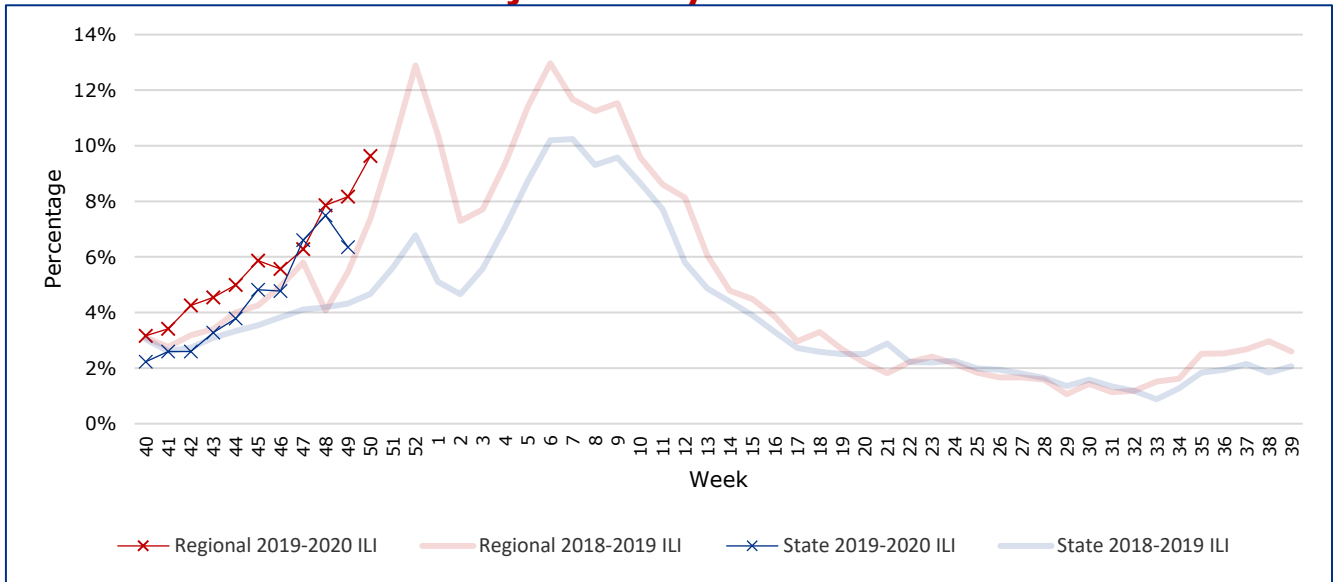
*Counties with total percent of visits due to ILI above 4.0% for the week are considered to have high/abnormal levels.

Map of Regional Flu Activity



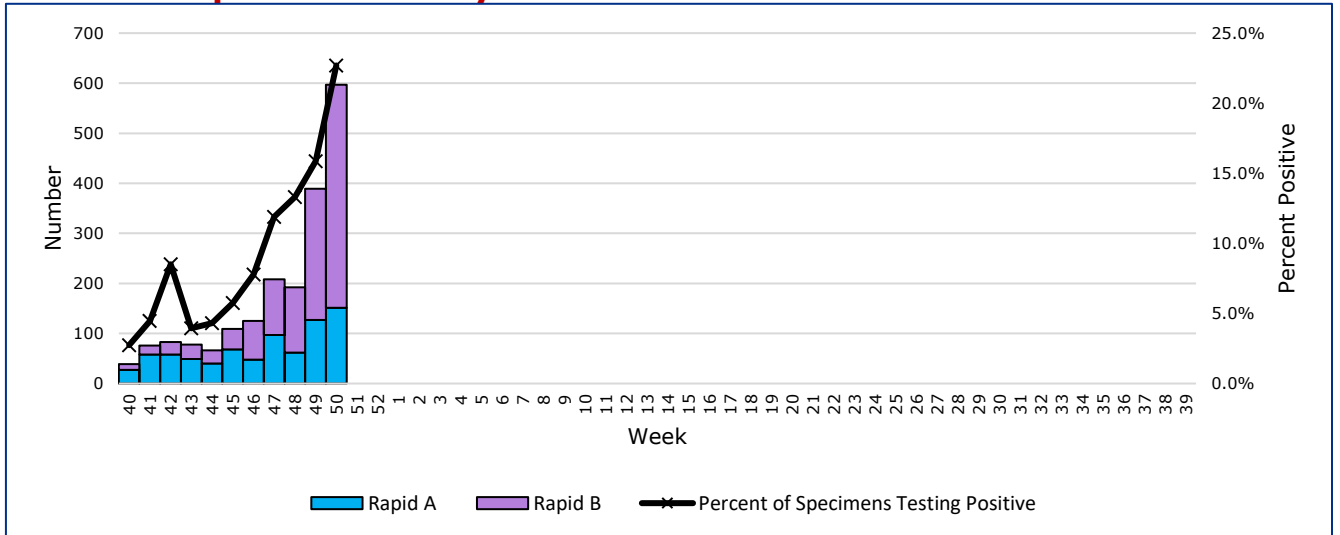
The map above depicts the previous week's reports of flu or influenza-like illness activity in each county. The legend on the bottom right of the map describes the meaning of each color.

Influenza-Like Illness Projections by Week



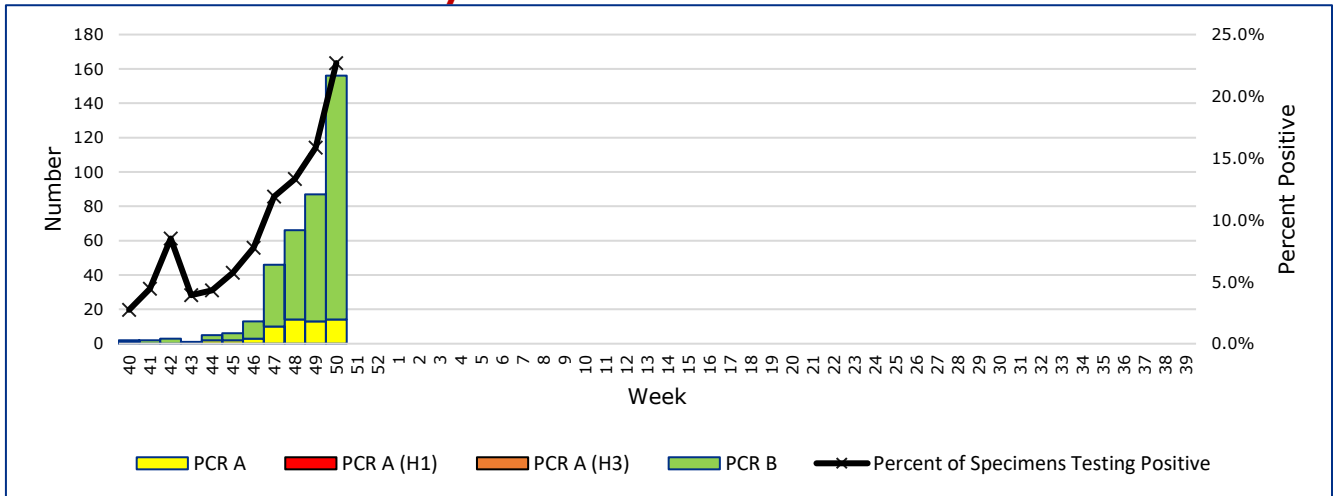
This chart documents the percentage of patient visits that were due to ILI at hospitals and clinics around the region. It compares our region's data with the state's data and also compares to last flu season. Data for the current week is estimated based on available data.

Positive Rapid Flu Tests by Week



This chart documents the number of rapid tests that have come back positive for flu A and flu B each week throughout the region.

Positive PCR Flu Tests by Week



This chart documents the number of PCR tests that have come back positive for flu A and flu B each week throughout the region.

Flu Data by County

County	Week 50				Week 49				Week 48			
	Patient Visits	% with ILI	Flu A	Flu B	Patient Visits	% with ILI	Flu A	Flu B	Patient Visits	% with ILI	Flu A	Flu B
Andrews	484	0%	2	27	527	0%	2	12	327	0%	0	5
Borden	2	0%	0	0	2	0%	0	0	2	0%	0	0
Brewster	12	0%	1	1	7	0%	0	0	8	0%	0	0
Coke	44	5%	0	0	49	8%	0	0	46	4%	0	0
Concho	58	19%	0	1	75	12%	0	1	78	1%	0	0
Crane	5	0%	0	0	9	0%	0	0	10	0%	0	0
Crockett	18	0%	0	0	17	0%	0	0	19	0%	0	0
Culberson	2	0%	0	0	10	0%	0	0	45	16%	0	0
Dawson	129	1%	2	4	144	1%	3	6	133	0%	1	8
Ector	6202	15%	47	133	5926	12%	34	47	4701	3%	20	34
El Paso	7267	3%	73	230	7506	3%	59	151	7117	3%	27	70
Gaines	166	1%	0	27	154	25%	0	11	165	29%	3	12
Glasscock	67	6%	0	1	64	5%	0	0	3	67%	0	0
Howard	355	5%	0	0	399	6%	2	8	351	5%	2	1
Hudspeth	10	0%	0	0	16	0%	0	0	16	0%	0	0
Irion	70	6%	0	0	19	5%	0	0	14	7%	0	0
Jeff Davis	2	0%	0	0	3	0%	0	0	1	0%	0	0
Kimble	250	0%	1	5	291	0%	1	3	190	0%	0	1
Loving	1	0%	0	0	1	0%	0	0	1	0%	0	0
McCulloch	686	7%	2	8	733	3%	1	2	622	4%	0	0
Martin	487	16%	3	17	1495	11%	2	8	179	9%	1	0
Mason	38	3%	0	0	32	9%	0	0	44	5%	1	3
Menard	13	0%	0	0	32	13%	0	0	8	0%	0	0
Midland	1244	28%	6	101	1695	21%	14	65	1233	24%	11	50
Pecos	18	0%	0	0	20	0%	2	3	29	0%	0	0
Presidio	140	1%	1	1	51	4%	0	0	11	9%	0	0
Reagan	44	9%	0	0	31	6%	0	0	32	3%	0	0
Reeves	30	3%	0	0	708	5%	5	15	583	2%	1	1
Schleicher	77	6%	0	1	73	7%	1	0	68	7%	0	0
Sterling	15	7%	0	0	11	9%	0	0	9	22%	0	0
Sutton	168	3%	2	1	188	4%	0	0	118	4%	2	0
Terrell	2	0%	0	0	1	0%	0	0	1	0%	0	0
Tom Green	3356	10%	19	13	3230	7%	11	1	2901	6%	4	1
Upton	314	13%	0	5	291	14%	4	3	123	20%	4	0
Ward	756	10%	6	9	1235	9%	4	24	569	7%	0	0
Winkler	318	10%	0	9	343	7%	3	2	214	9%	1	0
Total	22850	9.4%	165	594	25388	8.0%	148	362	19971	7.7%	78	186

Flu-Associated Pediatric Deaths & Outbreaks

No flu-associated pediatric deaths have been reported in the region, but a total of six have been reported throughout the state this season. Another flu outbreak was reported in a school district in PHR 9/10, bringing the total outbreak count to 2.