

## Week 12 March 18, 2018 through March 24, 2018 Overview of Influenza and Flu Activity

There was a 65% response rate for Week 12 from counties with recruited providers. As a total, the region reported 165 ILI cases resulting in 1.41% of patient visits due to ILI symptoms. This is below baseline of 6.64% for ILI in Texas ([DSHS FluTexas](#)). This may not be accurate since not all facilities that reported ILI reported total patients. Region wide reported 707 flu tests performed with 7.5% resulting in a positive test. This may also be inaccurate since the calculation did not include the positive flu tests if the facility did not report the total number of flu tests performed. There was a total of 153 cases with 2.16% of visits due to ILI and/or flu in this reporting period.

During this reporting period, no outbreaks or pediatric deaths have been reported. However, 1 pediatric death in PHR 10 was reported this season. As we approach the end of the 2017-18 Flu Reporting period a complete tally of Outbreaks will be included.

	<b>Extreme increase</b>
	<b>Moderate increase</b>
	<b>Slight increase</b>

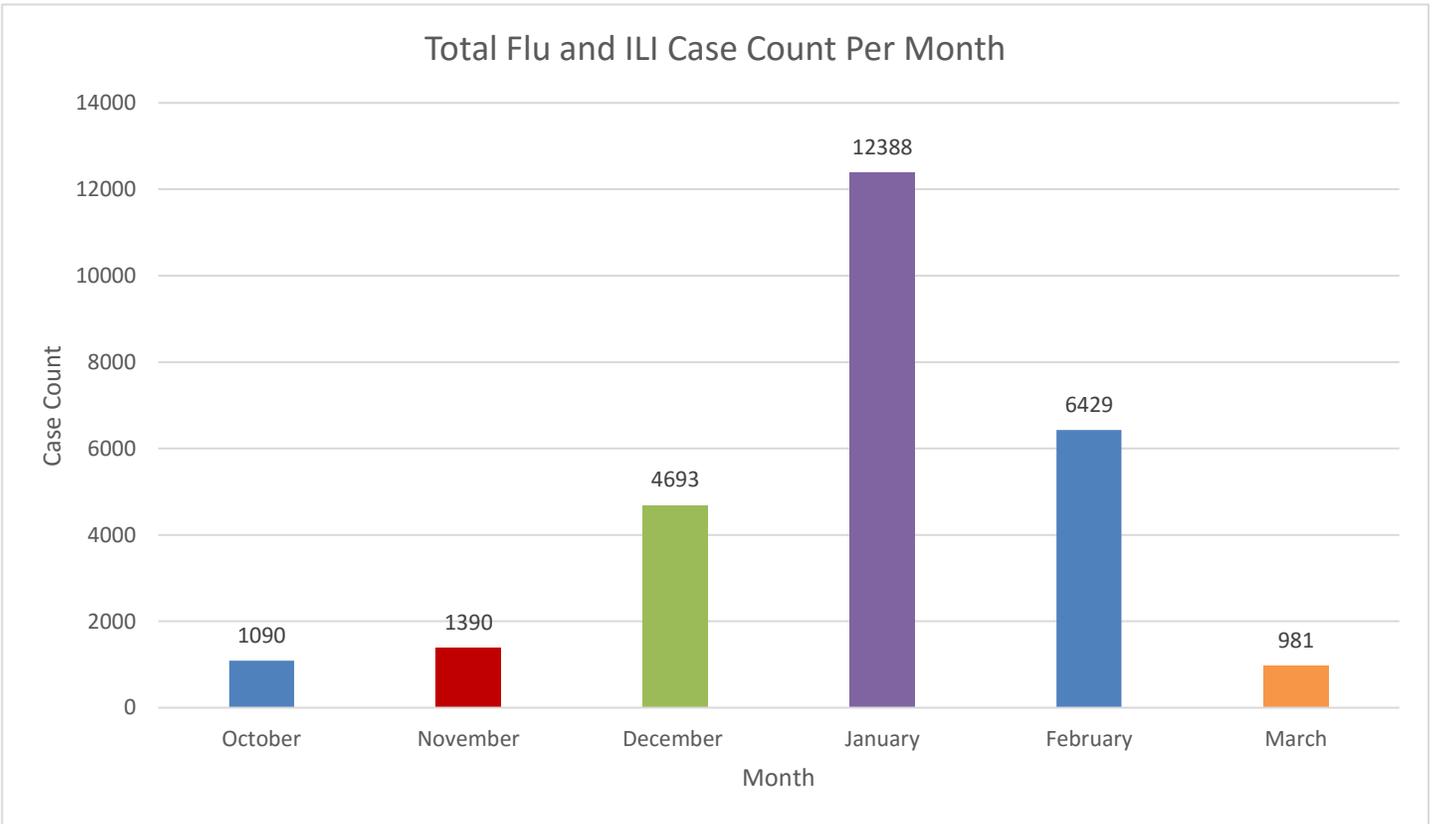
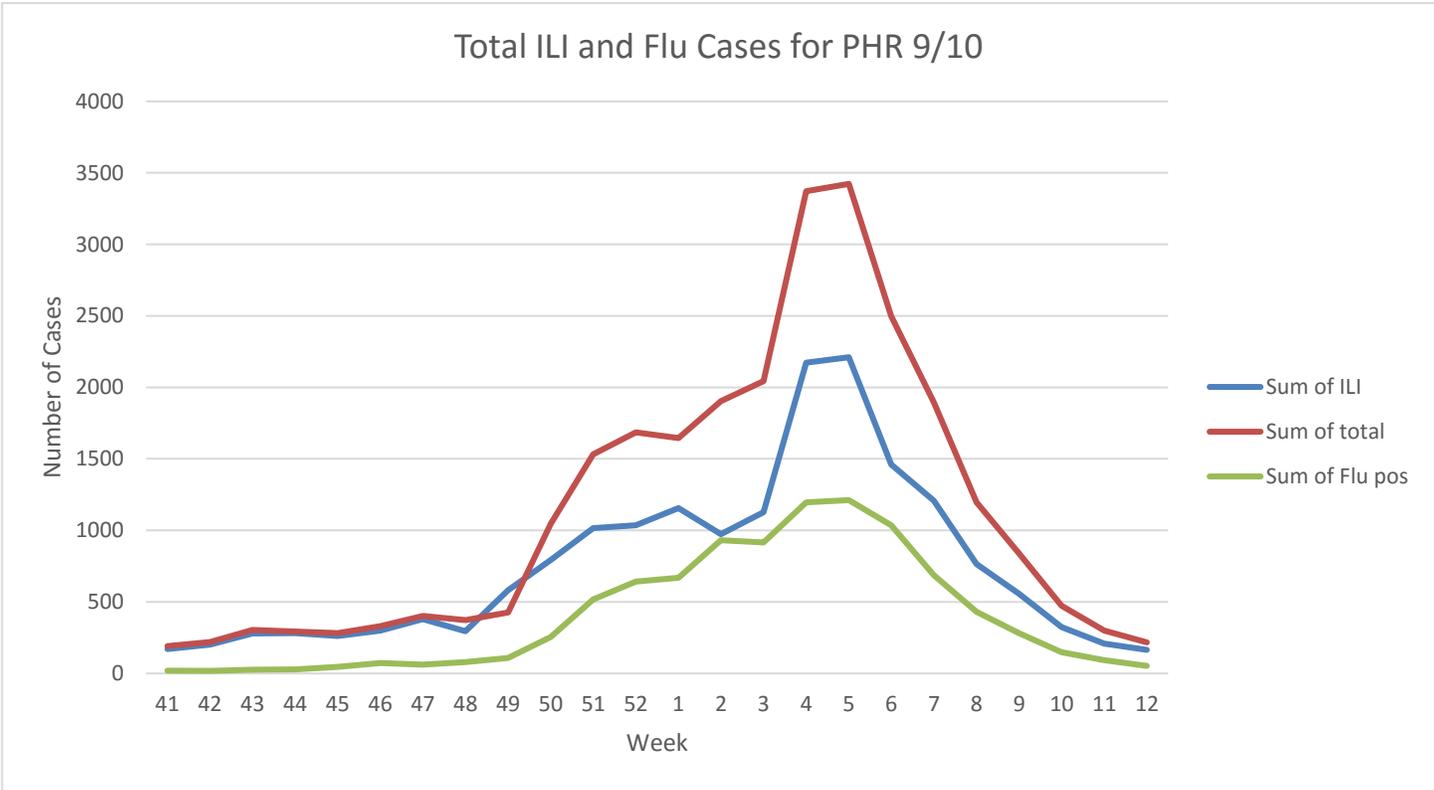
42% of PHR 9/10 counties reported. The following counties did not report: Borden, Brewster, Coke, Crane, Crockett, Culberson, Dawson, Glasscock, Hudspeth, Irion, Jeff Davis, Loving, Martin, Mason, Menard, Presidio, Reagan, Schleicher, Sterling, Terrell, and Ward.

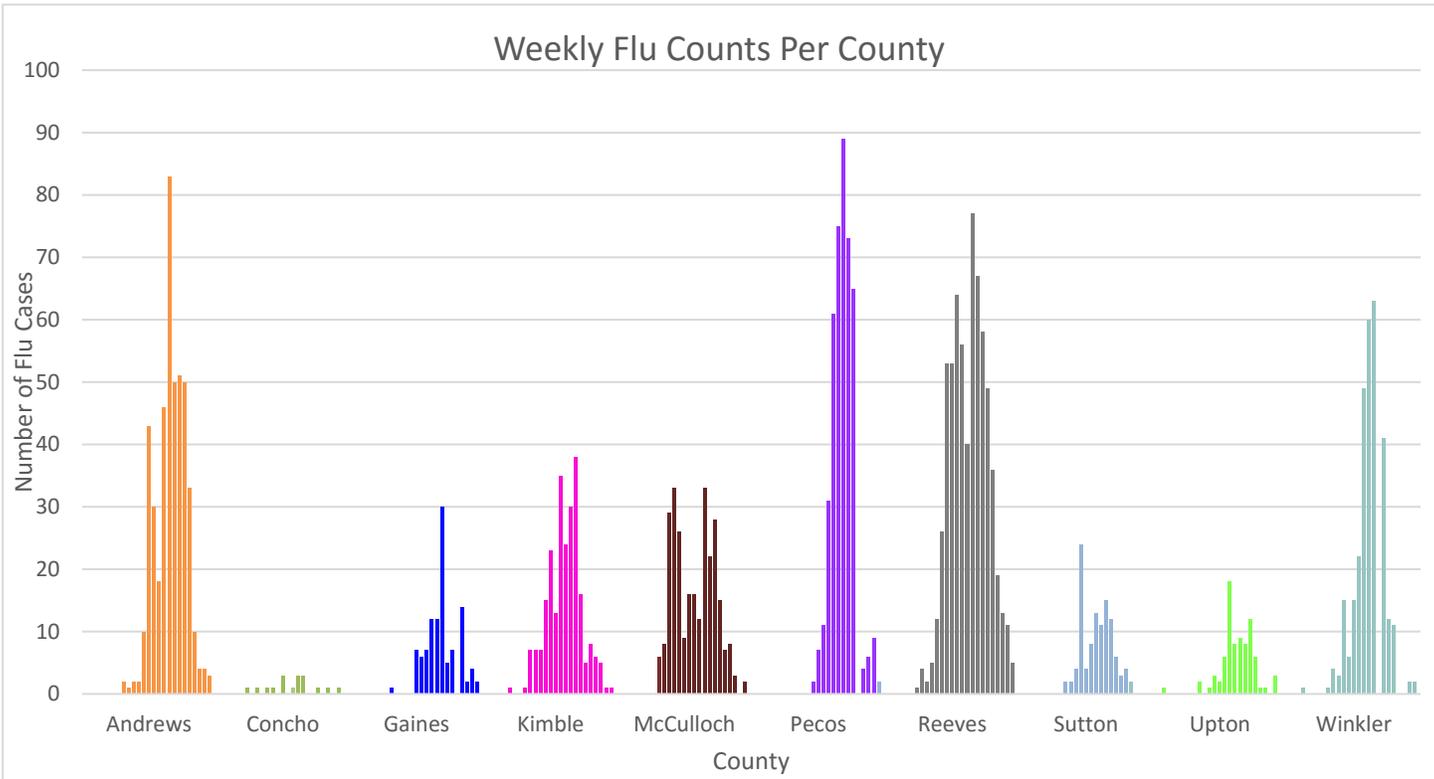
Summary of Influenza Like Illness (ILI) and Influenza activity for all counties in PHR 9/10										
County	ILI	Rapid Flu A	Rapid Flu B	Rapid flu nondiff	PCR Flu A	PCR Flu B	# of patients	% visits due to ILI and/or Flu	# flu tests	% positive flu test
Andrews	0	0	0	0	1	2	370	0.81	22	13.64
Concho	1	0	0	0	0	0	34	2.94	1	0.00
Ector	61	0	1	0	0	0	3015	2.61	61	1.64
El Paso		7	19	0	0	0			286	9.09
Gaines	0	0	2	0	0	0	138	1.45	16	12.50
Howard	2	0	0	0	0	0	35	5.71	0	
Kimble		0	1	0	0	0	158	0.63	5	20.00
McCulloch	9	0	2	0	0	0	560	1.96	9	22.22
Midland	65	0	0	0	0	5			140	3.57
Pecos		1	1	0	0	0	743	0.27	15	13.33
Reeves	2	2	3	0	0	0	217	3.23	35	14.29
Sutton	0	0	0	0	0	0	120	0.00	0	
Tom Green	17	0	4	0	0	0	1368	2.31	109	3.67
Upton	3	0	0	0	0	0	53	5.66	3	0.00
Winkler	5	0	2	0	0	0	277	2.53	5	40.00
<b>Total</b>	<b>165</b>	<b>10</b>	<b>35</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>7088</b>	<b>2.16*</b>	<b>707</b>	<b>7.5♦</b>

\* Calculation did not include ILI where a county/facility did not report total number of patients seen.

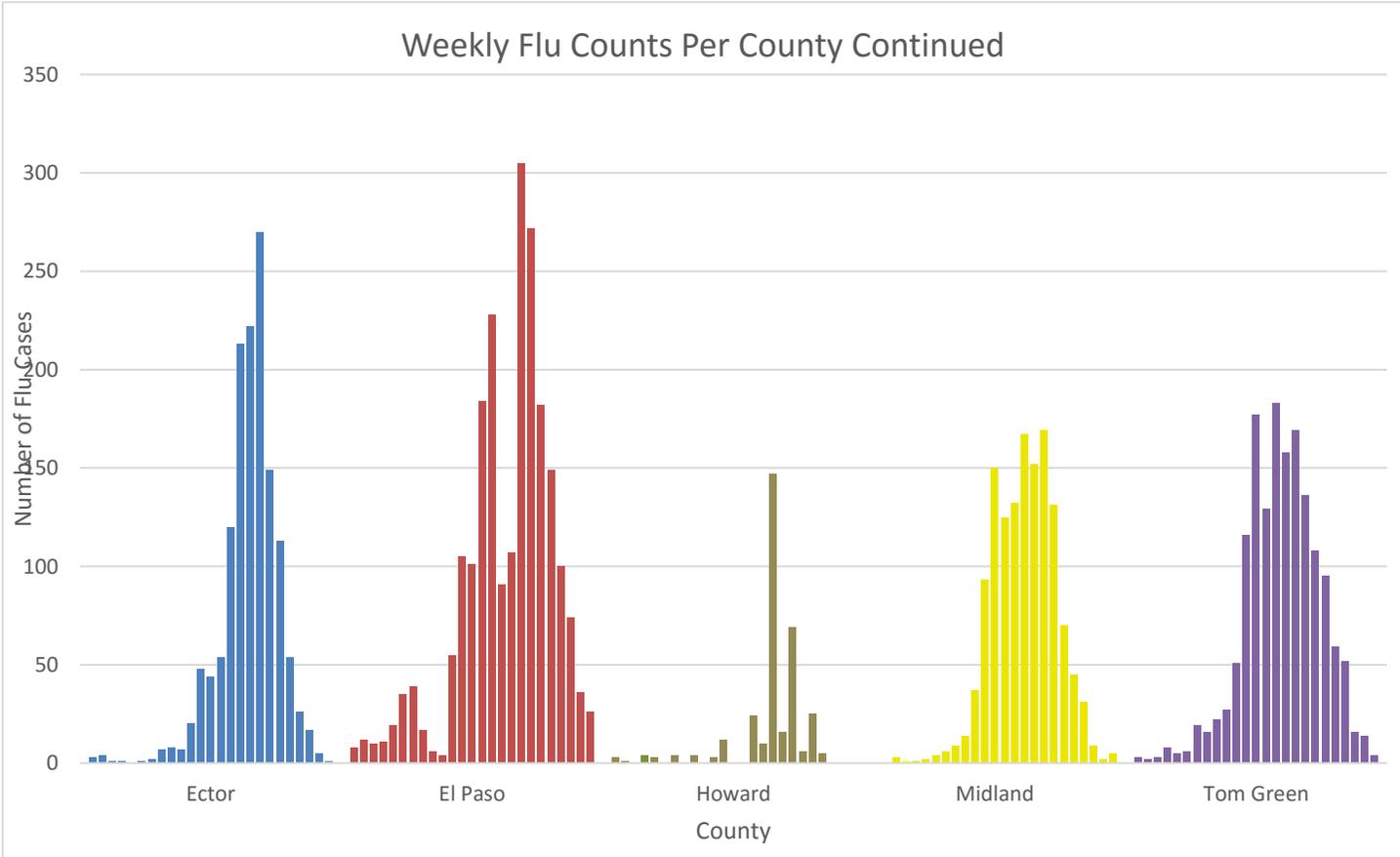
♦ Calculation did not include positive flu results if the county/facility did not report # of flu tests performed.

# Weekly Trends of ILI and Influenza

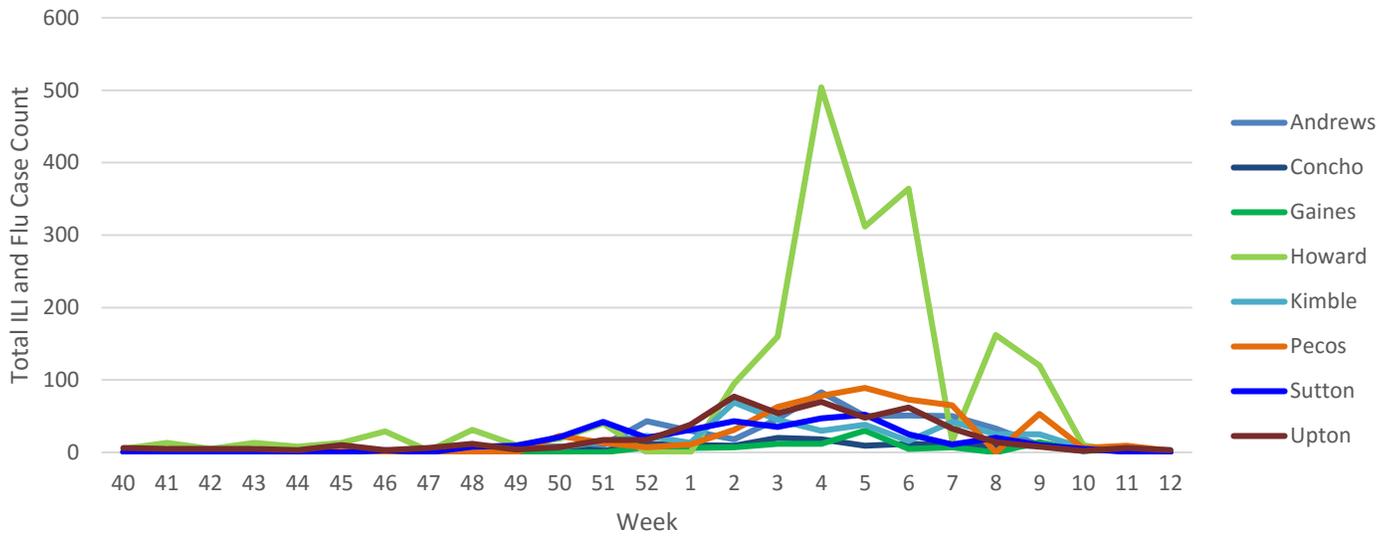




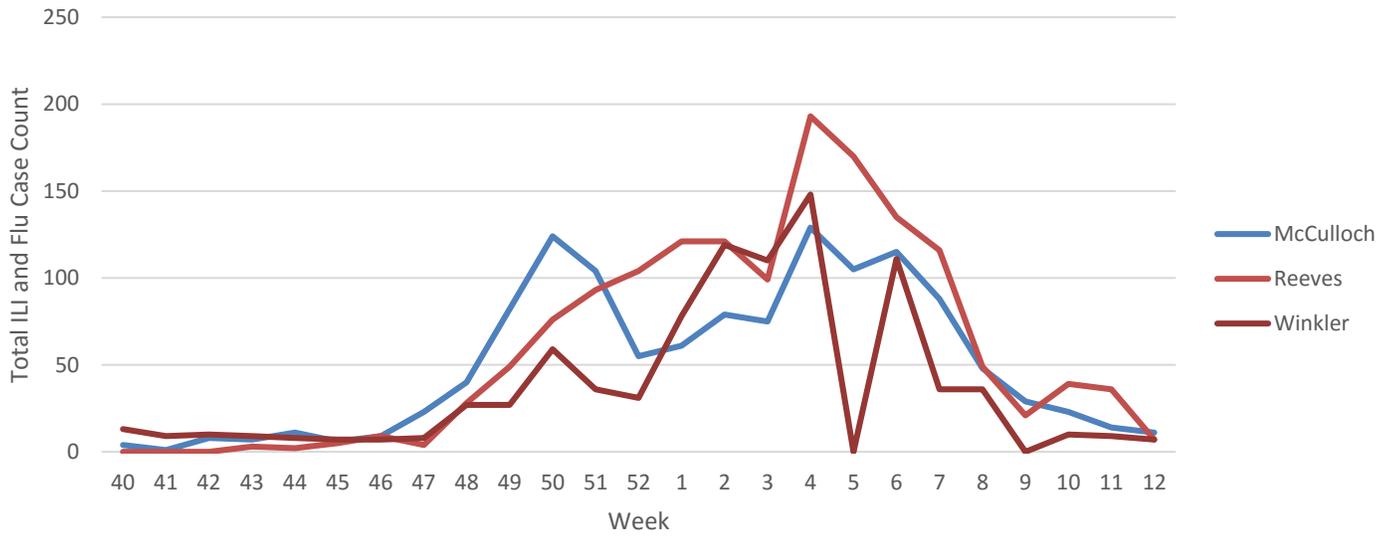
The individual bars within each county represent a week. Counties with fewer bars than others or spaces between bars indicates no positive flu results for that week.



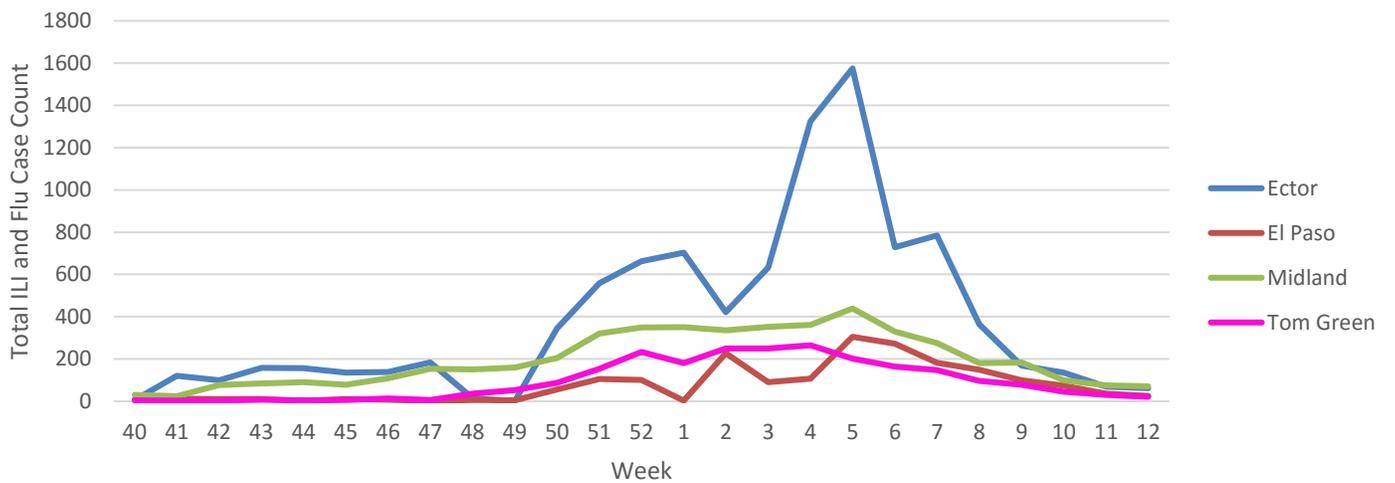
Counties With Max Case Count Less than 5



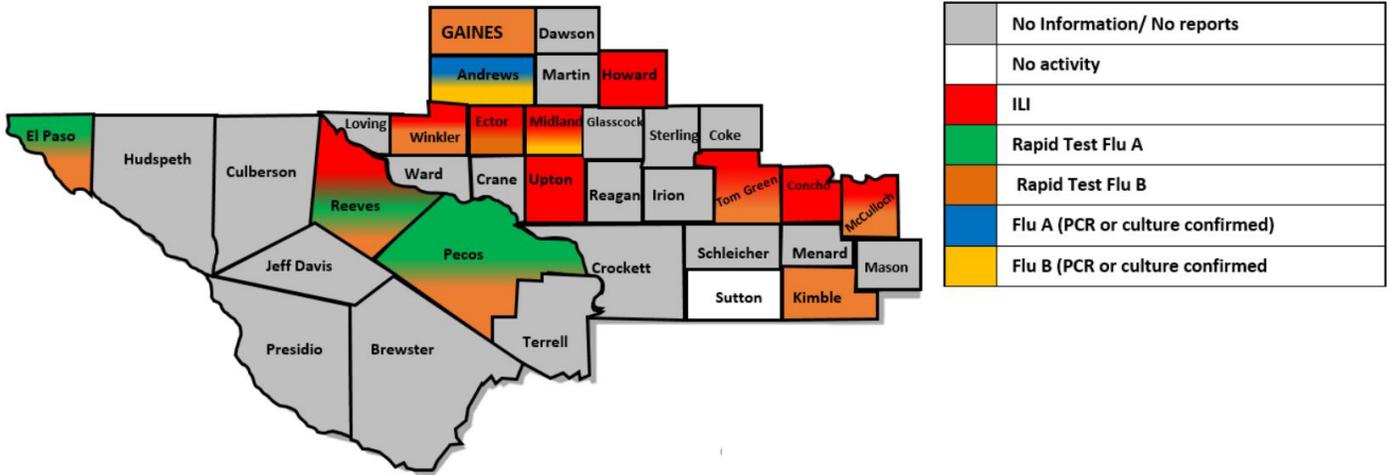
Counties With Max Case Count Greater than 5



Counties With Max Case Count Greater than 20

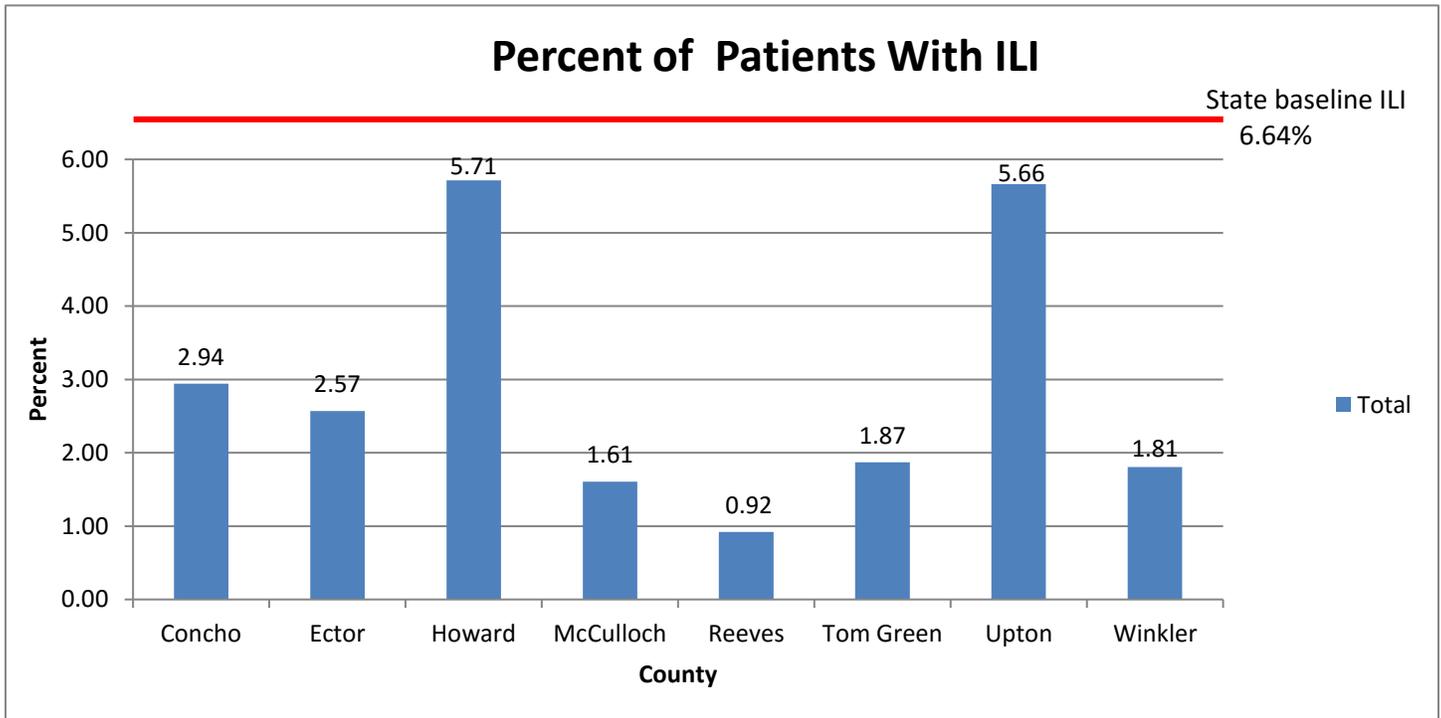


## Type of ILI and Flu Activity Coded by County



Flu activity is steadily decreasing in PHR 9/10. Positive flu test in several of the reporting counties with 5.05% reported Flu A, 19.27% reported Flu B, and there were no reported non-differentiated flu.

### Patients with an ILI



The bar graph above shows the percent of patient visits that reported ILI. There was an overall decrease throughout the region based on total number of patients seen. Baseline (6.64%) refers to the percent of ILI that occur outside of flu season for the whole year, or what is expected to be seen.