



Texas Department of State Health Services



SECRETARÍA DE SALUD



## THE US-MEXICO BORDER INFLUENZA SURVEILLANCE NETWORK WEEKLY UPDATE: PASO DEL NORTE REGION

**Weekly Report ending December 14, 2019 (MMWR<sup>s</sup> Week 50)**

### Highlights

- A total of 3 lab-confirmed† cases of influenza were reported in week 50 for Texas, New Mexico, and Mexico border region
- Influenza-Like-Illness activity\* at sentinel sites in the border region was **below** the U.S. national baseline (2.2%) for week 50
- 100% of sentinel sites reported ILI activity for Texas, New Mexico, and Mexico border region in Week 50

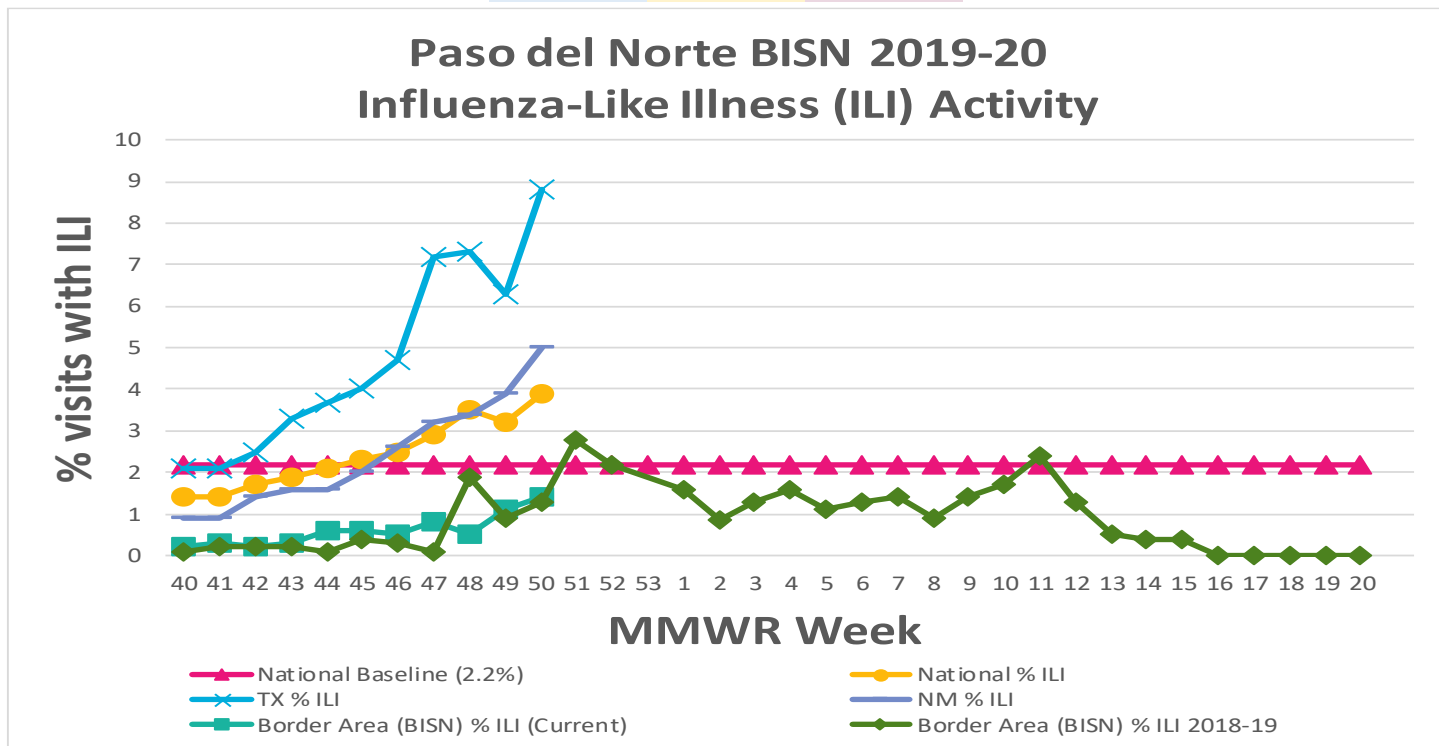


Region	Influenza Activity Level (see end of report for description)
Border Region Paso del Norte (New Mexico/Chihuahua/Texas)	Regional
New Mexico	Widespread
Texas	Widespread

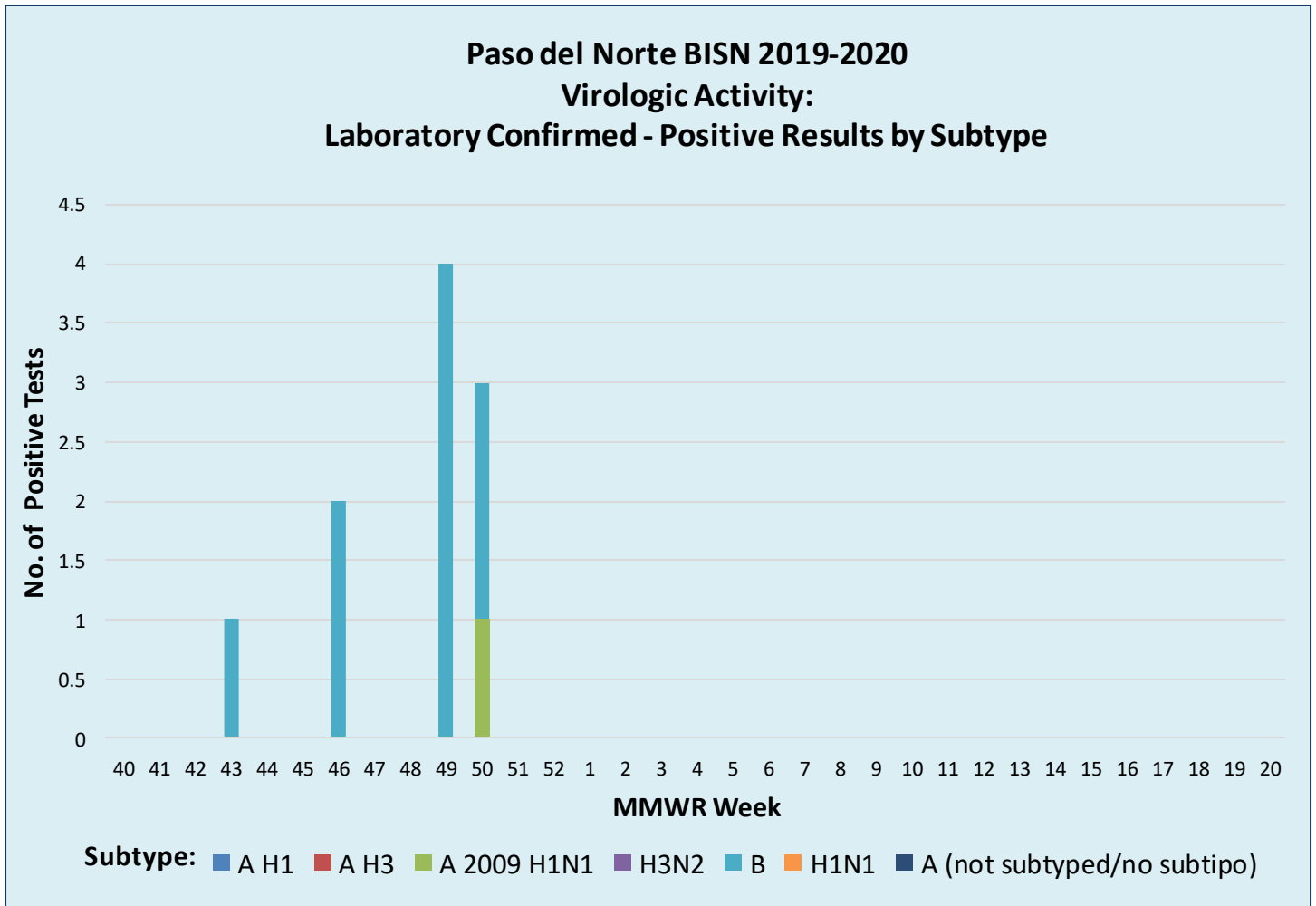
**Border Region Sentinel ILI Activity in New Mexico, Chihuahua, and West Texas for Week Ending 12/14/2019:**

Clinic	Patients seen week ending: 12/14/2019	Patients with ILI this week (n; % of this week's total):	Patients with ILI last week (n; % of last week's total):
CAAPS Águilas	780	1 (0.1%)	0 (0.0%)
Centro Salud "B" Bellavista	813	0 (0.0%)	0 (0.0%)
Centro Salud "C" Galeana	85	1 (1.2%)	0 (0.0%)
CSHS, Ojinaga	99	0 (0.0%)	0 (0.0%)
BAHC, Deming	220	6 (2.7%)	5 (2.1%)
BAHC, Dona Ana	374	4 (1.1%)	10 (2.5%)
BAHC, Columbus	50	0 (0.0%)	0 (0.0%)
HMS, Lordsburg	288	6 (2.0%)	9 (5.1%)
LCDF, Sunland Park	231	0 (0.0%)	3 (1.4%)
SHC, Sunland Park	14	0 (0.0%)	1 (1.8%)
FHSA, Alpine	179	16 (8.9%)	5 (3.9%)
BBFP, Alpine	89	7 (7.9%)	2 (1.9%)
Marfa	61	6 (9.8%)	-
Presidio	193	1 (0.5%)	0 (0.0%)
<b>Totals:</b>	<b>3476</b>	<b>48 (1.4%)</b>	<b>35 (1.1%)</b>

Chihuahua    New Mexico    Texas



**Border Region Sentinel Laboratory Activity in New Mexico, Chihuahua, and West Texas for Week Ending 12/14/2019:**



Cumulative Lab-confirmed Overall Positivity 2019-2020								
State	AH1	AH3	2009 H1N1	H3N2	H1N1	B	Negative	Positivity
Texas	0	0	1	0	0	6	34	17.1%
New Mexico	0	0	0	0	0	3	13	18.8%

Age Range (in years) of Patients with ILI: Paso del Norte Region					
0-4	5-24	25-49	50-64	65+	Total Patients with ILI; Week 50
8	19	14	6	1	48

## National Flu Surveillance and Laboratory Activity, Week Ending 12/14/2019

More information on national surveillance can be found at <http://www.cdc.gov/flu/weekly>

Activity Level	ILI activity*/Outbreaks		Laboratory data
No Activity	Low	And	No lab confirmed cases†
Sporadic	Not increased	And	Isolated lab-confirmed cases
	OR		
Local	Not increased	And	Lab confirmed outbreak in one institution‡
	OR		
Regional (doesn't apply to states with ≤4 regions)	Increased ILI in 1 region**; ILI activity in other regions is not increased	And	Recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI
	OR		
Regional (doesn't apply to states with ≤4 regions)	2 or more institutional outbreaks (ILI or lab confirmed) in 1 region; ILI activity in other regions is not increased	And	Recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions
	OR		
Regional (doesn't apply to states with ≤4 regions)	Increased ILI in ≥2 but less than half of the regions	And	Recent (within 3 weeks) lab confirmed influenza in the affected regions
	OR		
Regional (doesn't apply to states with ≤4 regions)	Institutional outbreaks (ILI or lab confirmed) in ≥2 and less than half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the affected regions
	OR		
Widespread	Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the state

\*Influenza-Like illness: Fever  $\geq 100^{\circ}\text{F}$  ( $37.8^{\circ}\text{C}$ ), oral or equivalent and cough and/or sore throat (in the absence of a known cause other than influenza)

†Lab confirmed case = case confirmed by influenza rapid test (EIA), fluorescent antibody (DFA or IFA), RT-PCR or viral culture. Care should be given when relying on results of point of care rapid diagnostic test kits during times when influenza is not circulating widely. The sensitivity and specificity of these tests vary and the predictive value positive may be low outside the time of peak influenza activity. Therefore, a state may wish to obtain laboratory confirmation of influenza by testing methods other than point of care rapid tests for reporting the first laboratory confirmed case of influenza of the season.

§MMWR week: The week of the epidemiologic year for reporting local or state health department for the purposes of MMWR disease incidence reporting and publishing. Values for MMWR week range from 1 to 53, although most years consist of 52 weeks.

‡Institution includes nursing home, hospital, prison, school, etc.

\*\*Region: population under surveillance in a defined geographical subdivision of a state. A region could be comprised of 1 or more counties and would be based on each state's specific circumstances. Depending on the size of the state, the number of regions could range from 2 to approximately 12. The definition of regions would be left to the state but existing state health districts could be used in many states. Allowing states to define regions would avoid somewhat arbitrary county lines and allow states to make division that make sense based on geographic population clusters. Focusing on regions larger than counties would also improve the likelihood that data needed for estimating activity would be available.

This information is collected by the Border Infectious Disease Surveillance (BIDS) program at the Office of Border Public Health, Texas Department of State Health Services Health Service Region 9/10. For questions, please email [David.Torres@dshs.texas.gov](mailto:David.Torres@dshs.texas.gov) or call (915) 834.7778. For more information on Influenza in Texas, visit <http://www.dshs.texas.gov/idcu/disease/influenza/surveillance/> or visit the CDC's Influenza page: <https://www.cdc.gov/flu/index.htm>.