



Arizona Department of Health Services  
 Office of Border Health  
 Office of the Assistant Director  
 400 W Congress, suite 116 Tucson, AZ 85701  
 Tel: (520) 770-3113 Fax: (520) 770-3307

Douglas A. Ducey,  
 Governor  
 Cara M.Christ, MD,  
 Director

Arizona Sonora Border Region Influenza Summary  
 Border Infectious Disease Surveillance Program  
 2015-2016 Influenza Season (10/04/2015-10/01/2016)  
 MMWR Week 9 (02/28/2016-03/05/2016)

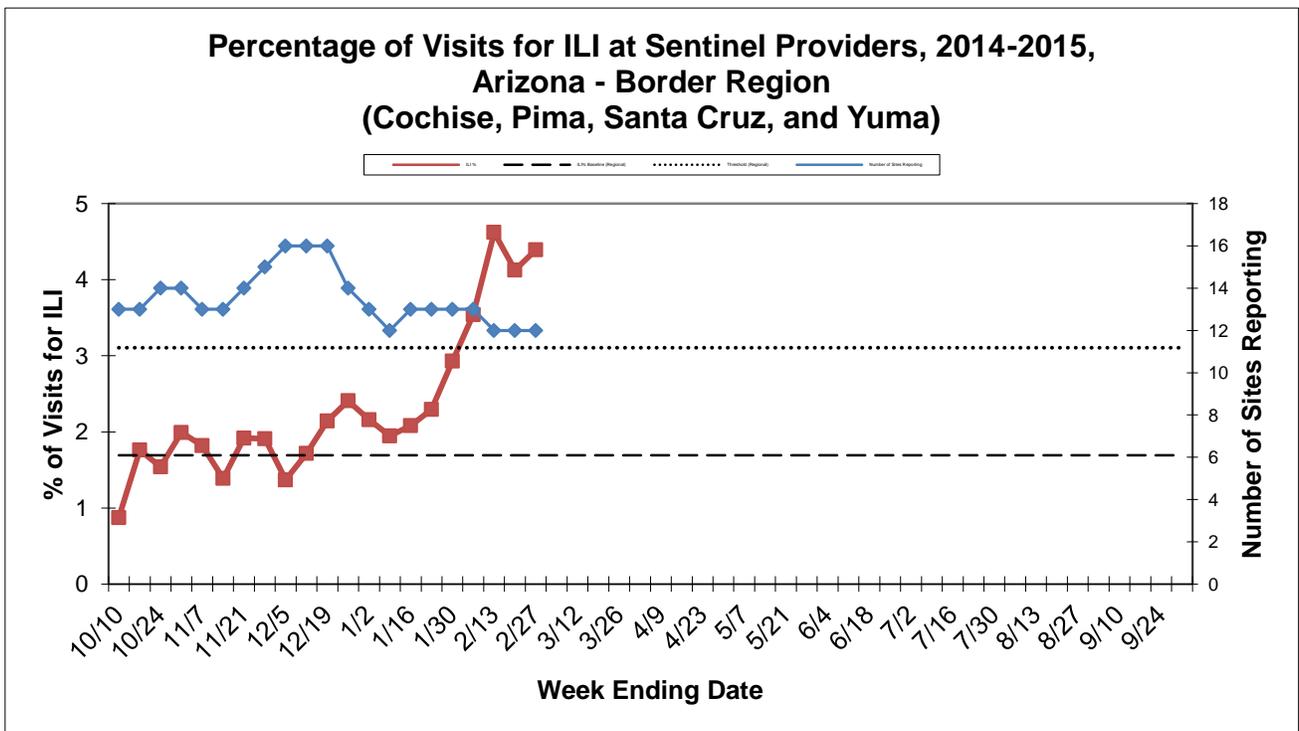
**Border Influenza Activity Highlights**

There were 685 new cases of influenza in week 09 from the Arizona Border region counties  
 Influenza-Like Illness activity at sentinel providers was above the baselline level in week 09  
 The cases included in this report represent a small proportion of the true number of cases of Influenza.

**Influenza-Like Illness (ILI) Sentinel Provider Surveillance**

In Arizona's border region 12 providers are enrolled in the National Outpatient Influenza-Like Illness Surveillance Network (ILINet). The border region is defined as the geographical area approximately 100 kilometers (60 miles) north and south of the US/Mexico Border. On a weekly basis, these sentinel sites report the total number of patients seen with Influenza-Like Illness (ILI) and the total number of patient seen. ILI is defined as a fever of at least 100°F plus either a cough or sore throat in absence of a known cause other than influenza.

**Percentage of Visits for ILI at Sentinel Providers, Arizona Border Region:**





### Arizona Sonora Border Region Influenza Summary

Border Infectious Disease Surveillance Program  
 2015-2016 Influenza Season (10/04/2015-10/01/2016)  
 MMWR Week 9 (02/28/2016-03/05/2016)

#### Laboratory-Confirmed Cases Reported, by County, 2015-2016 Influenza Season:

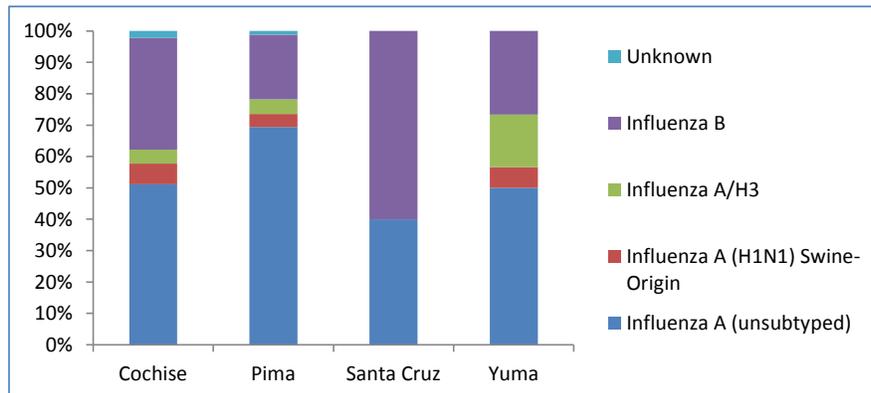
- These totals include ALL positive influenza tests that were reported to ADHS by the border counties through Week 09 (February 28, 2016 – March 05, 2016). These include many types of tests, such as rapid antigen tests, direct fluorescent antigen tests, culture, or molecular testing (reverse transcriptase polymerase chain reaction or RT-PCR). Many of these cannot distinguish different types of influenza, but do provide information about changes in the amount of influenza in the population.

County	Current Season 2015-2016	Past Three Weeks	Last Week
Cochise	426	244	57
Pima	2429	1053	268
Santa Cruz	128	36	6
Yuma	230	161	54
<b>Border Total</b>	<b>3213</b>	<b>1494</b>	<b>385</b>
<b>Arizona Total</b>	<b>11907</b>	<b>6225</b>	<b>1410</b>

#### Influenza Types and Subtypes in the Arizona Border Region, 2015-2016 in Week 9:

The influenza types and subtypes from all confirmed influenza cases in the Arizona border region are shown in the table/graph below.

Type/Subtype	Cochise	Pima	Santa Cruz	Yuma
Influenza A (unsubtyped)	23	118	2	15
Influenza A (H1N1) Swine-Origin	3	7	0	2
Influenza A/H3	2	8	0	5
Influenza B	16	35	3	8
Unknown	1	2	0	0





*Arizona Department of Health Services*

Office of Border Health  
Office of the Assistant Director  
400 W Congress, suite 116 Tucson, AZ 85701  
Tel: (520) 770-3113 Fax: (520) 770-3307

Douglas A. Ducey,  
Governor  
Cara M.Christ, MD,  
Director

**Arizona Sonora Border Region Influenza Summary**

Border Infectious Disease Surveillance Program  
2015-2016 Influenza Season (10/04/2015-10/01/2016)  
**MMWR Week 9** (02/28/2016-03/05/2016)

**ACKNOWLEDGMENTS**

We gratefully acknowledge all our border partners for their contributions and support of the border influenza network including: Border Infectious Disease Surveillance Program, Early Warning Infectious Disease Surveillance, Naval Health Research Center Laboratory, Cochise County Health Department, Pima County Health Department, Santa Cruz County Health Department, Yuma County Health Department, and all participating hospital facilities.

Any questions please contact Mariana Casal: [mariana.casal@azdhs.gov](mailto:mariana.casal@azdhs.gov)