

## 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 3.02% from 2.79%. No confirmed cases were reported this week although six counties reported positive rapid flu tests.

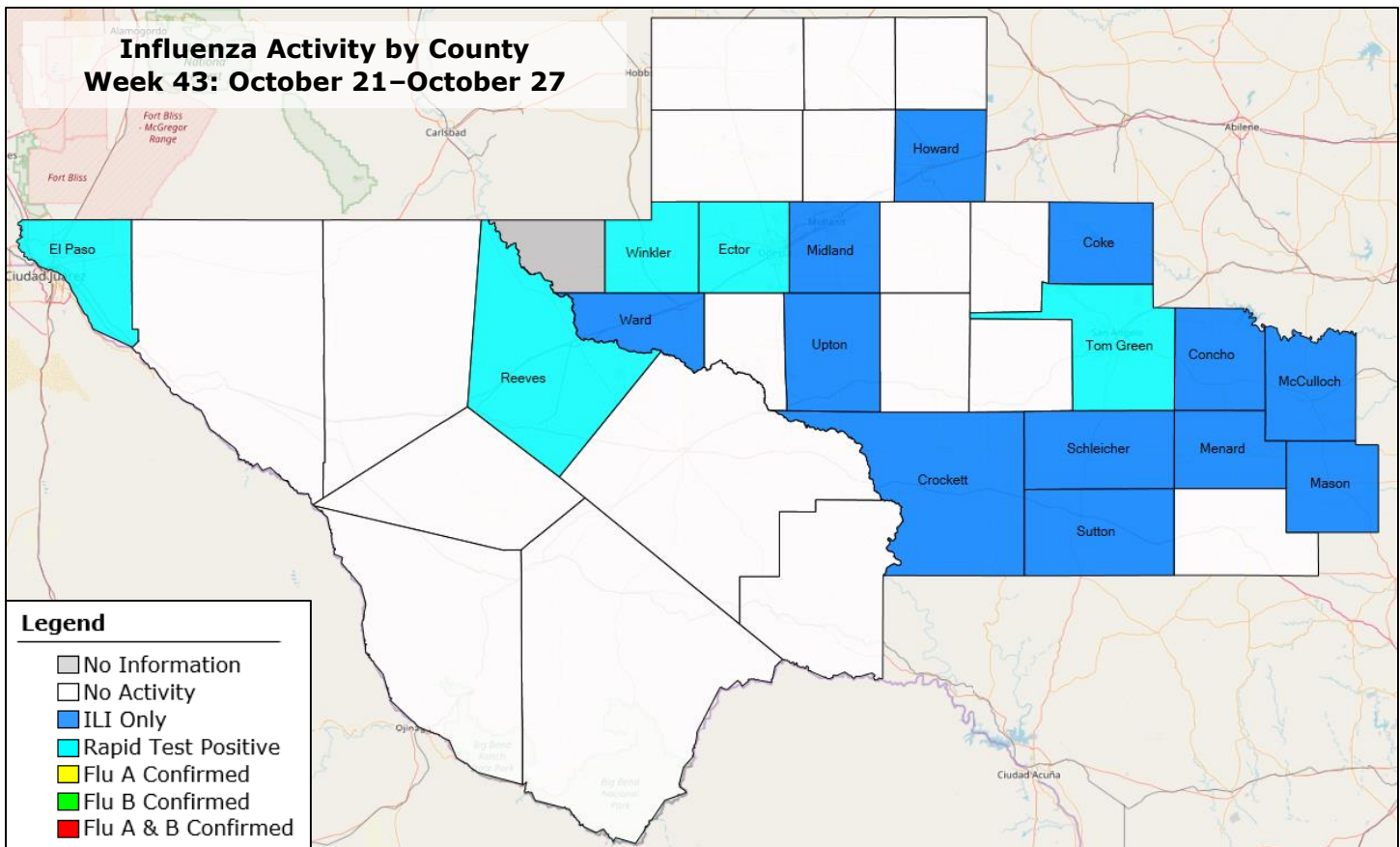
## The Numbers

**5** ↓ 1  
counties reported  
positive rapid flu  
tests

**12** ↑ 2  
counties reported  
ILI only

**18** ↓ 1  
counties reported  
no activity

**1** ↑ 0  
county reported  
no information



## County-By-County

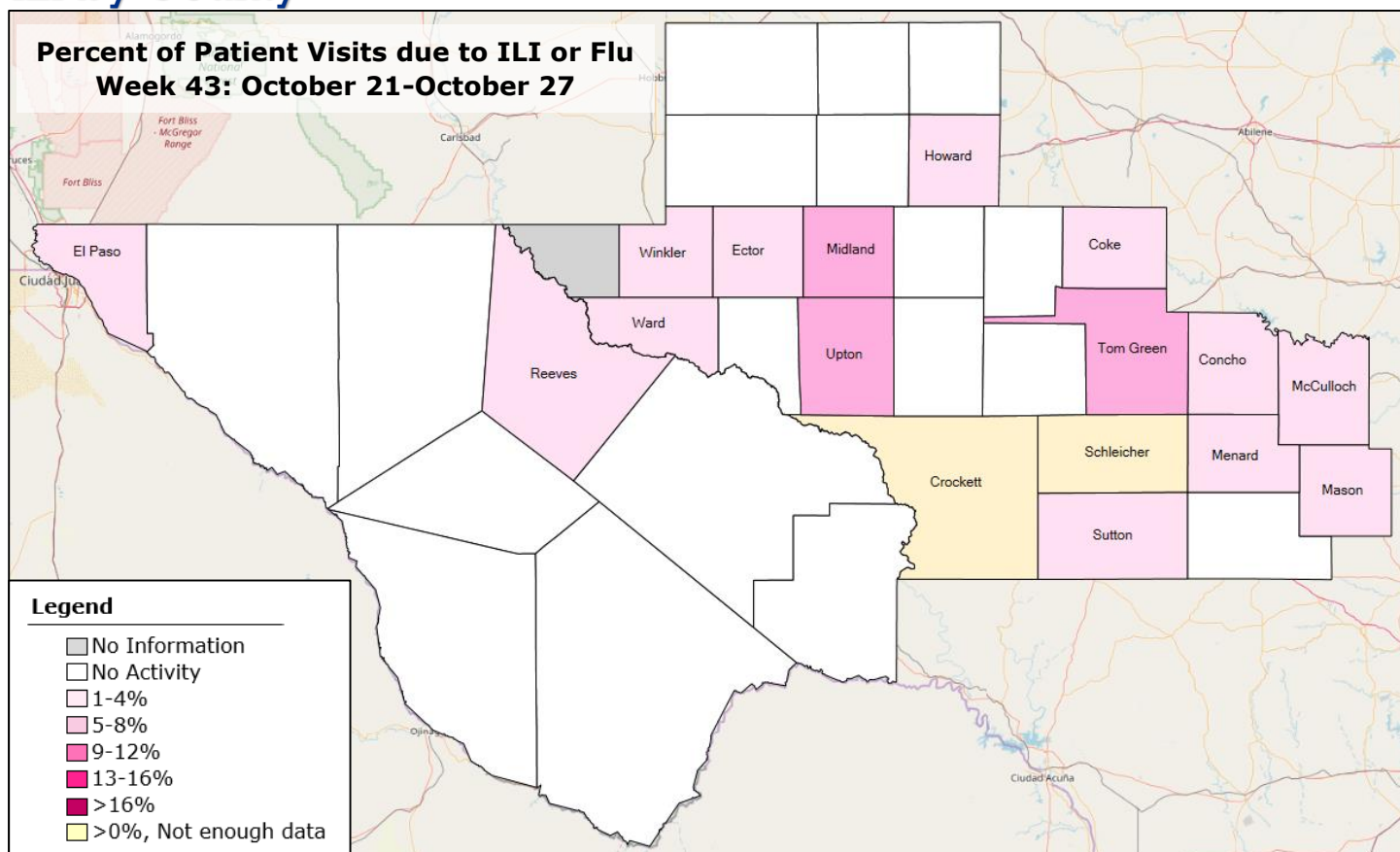
The information presented below aggregates all active and passive surveillance reports from the week of October 21-October 27 in Region 9/10.

| 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 43) | % of Visits due to ILI (Week 42) |
|-----------------------------|--|------------|-----------------------|--------------------|--------------------|----------------------------------|----------------------------------|
| Andrews                     | 410  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Borden                      | 5  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Brewster                    | 4  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Coke                        | 33   | 1          | 0                     | 0                  | 0                  | 3%                               | 3%                               |
| Concho                      | 45   | 2          | 0                     | 0                  | 0                  | 4%                               | 0%                               |
| Crane                       | 6  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Crockett                    | 20   | 2          | 0                     | 0                  | 0                  | >0%*                             | 0%                               |
| Culberson                   | 1  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Dawson                      | 158  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Ector                       | 6,965  | 284        | 12                    | 0                  | 0                  | 4%                               | 4%                               |
| El Paso                     | 13,218   | 239        | 6                     | 0                  | 0                  | 2%                               | 2%                               |
| Gaines                      | 29   | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Glasscock                   | 3  | 0          | 0                     | 0                  | 0                  | 0%                               | 4%                               |
| Howard                      | 429  | 2          | 0                     | 0                  | 0                  | 0%                               | 6%                               |
| Hudspeth                    | 18   | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Irion                       | 18   | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Jeff Davis                  | 1  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Kimble                      | 6  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Loving                      | No Information Reported                        |            |                       |                    |                    | N/A                              | N/A                              |
| McCulloch                   | 591  | 10         | 0                     | 0                  | 0                  | 2%                               | 1%                               |
| Martin                      | 2  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Mason                       | 40   | 1          | 0                     | 0                  | 0                  | 3%                               | 0%                               |
| Menard                      | 23   | 1          | 0                     | 0                  | 0                  | 4%                               | 0%                               |
| Midland                     | 1,470  | 85         | 0                     | 0                  | 0                  | 6%                               | 6%                               |
| Pecos                       | 7  | 0          | 0                     | 0                  | 0                  | 0%                               | 6%                               |
| Presidio                    | 37   | 0          | 0                     | 0                  | 0                  | 0%                               | 2%                               |
| Reagan                      | 23   | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Reeves                      | 714  | 17         | 1                     | 0                  | 0                  | 3%                               | 2%                               |
| Schleicher                  | 8  | 1          | 0                     | 0                  | 0                  | >0%*                             | >0%*                             |
| Sterling                    | 7  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Sutton                      | 217  | 1          | 0                     | 0                  | 0                  | 0%                               | 1%                               |
| Terrell                     | 1  | 0          | 0                     | 0                  | 0                  | 0%                               | 0%                               |
| Tom Green                   | 3,181  | 161        | 10                    | 0                  | 0                  | 5%                               | 5%                               |
| Upton                       | 74   | 6          | 0                     | 0                  | 0                  | 8%                               | 2%                               |
| Ward                        | 183  | 2          | 0                     | 0                  | 0                  | 1%                               | 1%                               |
| Winkler                     | 298  | 8          | 1                     | 0                  | 0                  | 3%                               | 4%                               |
| <b>Total</b>                | <b>28,245</b>                                  | <b>823</b> | <b>30</b>             | <b>0</b>           | <b>0</b>           | <b>3.02%</b>                     | <b>2.79%</b>                     |

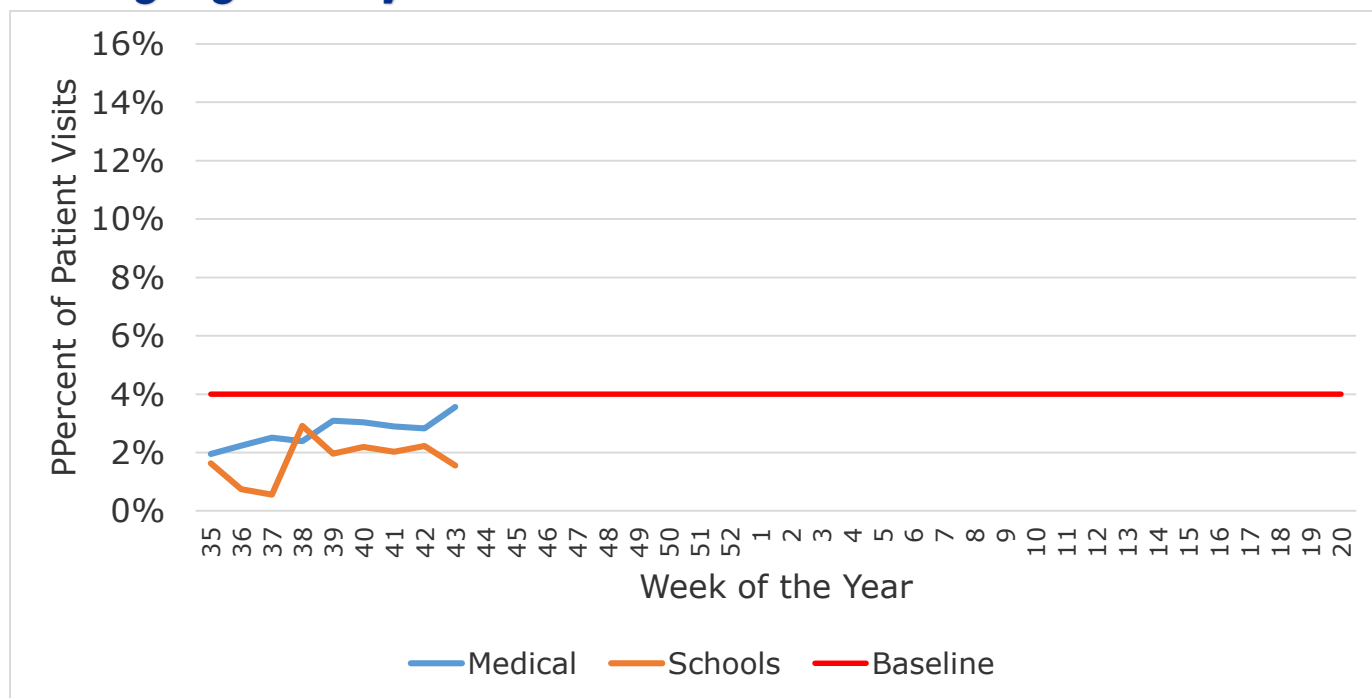
\*There were not enough patient visits reported to determine an accurate representation of the percent of visits due to ILI.

**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

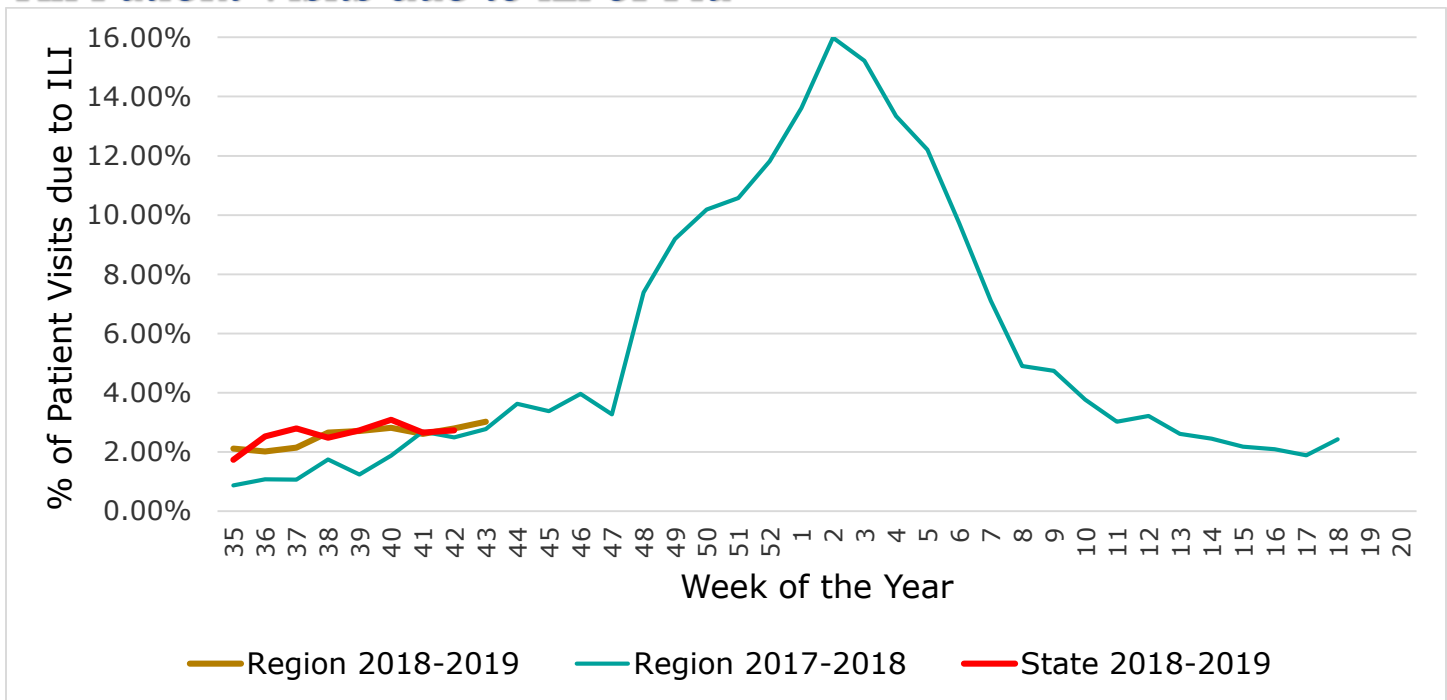


## ILI Segregated by Schools & Clinics in West Texas



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.

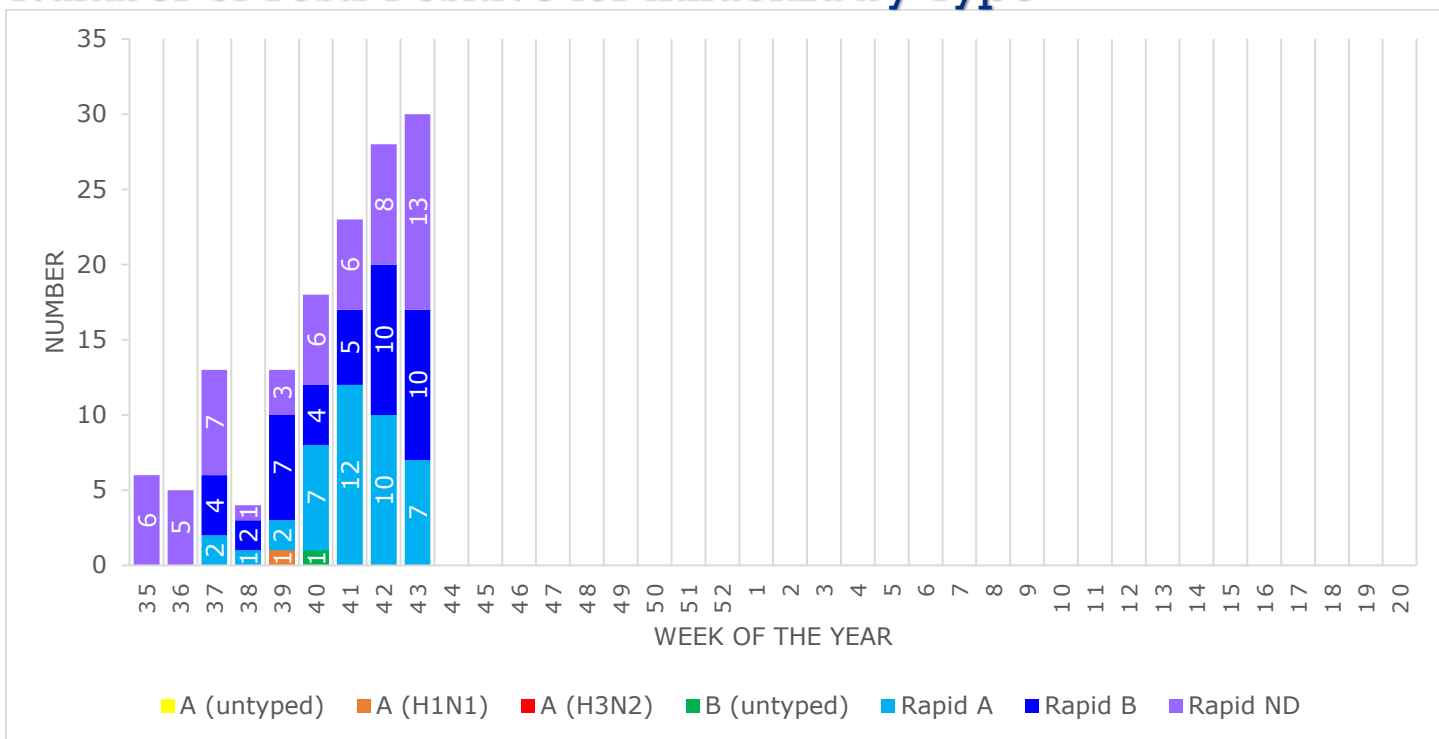
## Week-by-Week Info

| 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 | 28,245       | 823       | 30        | ↑ 3.02     | ↑ 2.7      |
| 44   |             |              |           |           |            | ↓ 2.5      |
| 45   |             |              |           |           |            | ↑ 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 43.  
 No pediatric deaths were reported in Region 9/10 during Week 43.

## Number of Tests Positive for Influenza by Type



## In the News & Other Information

### PEDIATRIC-ASSOCIATED DEATH

Sadly, a child has died from flu-related complications this past week in Texas. The child was 8, had no underlying health conditions, and had not yet received the flu vaccine for this season. Testing later determined that the child was positive for H1N1, the same strain that circulated in 2009 and caused extensive illness. This unfortunate news reminds us of the importance of the flu vaccine and its potential to save lives.



### CDC IDENTIFIES H1N1 MOST COMMON STRAIN LAST THREE WEEKS

For the last three weeks, the CDC reports that the most common flu strain being identified nationwide is H1N1. This strain caused overwhelming hospitalizations and illness in 2009. Some experts argue that some may have immunity to this strain if they were infected in 2009, but others argue that the effect may have worn off by now. Nonetheless, vaccination is the best way to protect one's self from the flu.