

Who wants to be a Flu-ionaire?



2016-2017 Season Edition

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15	\$1 MILLION
14	\$500,000
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What was the predominant influenza type circulating in the 2016-17 season?

A: Flu C

B: Flu A

C: Flu B

D: Flu Z

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What is CDC's recommendation for when people should get the influenza vaccine?

◆ A:

Towards the end of November

◆ B:

Between October and June

◆ C:

As soon as the vaccine becomes available

◆ D:

First two weeks in October

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Most of the reported ILI/influenza-associated outbreaks in Texas for this season occurred in which type of setting?

◆ A: Nursing Homes

◆ B: Prisons

◆ C: Schools

◆ D: Health Depts.

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What is the only flu type that undergoes antigenic shift and can cause pandemics?

◆ A: Flu D

◆ B: Flu C

◆ C: Flu B

◆ D: Flu A

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What influenza type and subtype was identified in cats during the avian influenza outbreaks that occurred in New York in December 2016?

◆ A: Flu B

◆ B: Flu A (H7N2)

◆ C: Flu A (H20N19)

◆ D: Flu C (H1N1)

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Where does coding for cause of death and underlying causes of death that are on death certificates take place?

◆ A: National Center for Vital Records

◆ B: National Center for Health Statistics

◆ C: DSHS Vital Records

◆ D: DSHS Center for Health Statistics

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As of Aug. 2, 2017, which Health Service Region (HSR) had the highest pneumonia and influenza (P&I) mortality rate in the state?

◆ A: HSR 8

◆ B: HSR 4/5N

◆ C: HSR 6/5S

◆ D: HSR 9/10

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As of Aug. 4, 2017, how many specimens reported by Texas NREVSS hospitals have been tested in Texas for influenza?

◆ A: 4,500

◆ B: 10,000

◆ C: 96,643

◆ D: 1 million

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Which Health Service Region (HSR) in Texas had the most reported ILI/influenza-associated outbreaks for the season?

◆ A:

HSR 2/3

◆ B:

HSR 6/5S

◆ C:

HSR 7

◆ D:

HSR 8

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According to US Vaccine Effectiveness (VE) Network data, what was the preliminary VE against the H3N2 viruses, which were responsible for most flu illness, this season?

◆ A: 60%

◆ B: 48%

◆ C: 34%

◆ D: 32%

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As of Aug.11, 2017, the average number of providers reporting into Texas ILINet each week was _____.

◆ A: 132

◆ B: 89

◆ C: 108

◆ D: 98

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◆ If flu prevalence is very low (2.5%) and specificity is good (98%), then the positive predictive value (PPV) for conducting a rapid flu test would be _____.

◆ A: Good (86-93%)

◆ B: Very Poor (6-12%)

◆ C: Poor (39-56%)

◆ D: Very Good (>93%)

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What is CDC's goal for healthcare provider participation in ILINet?

◆ A:

1 provider for every 100,000 pop.

◆ B:

1 provider for every 250,000 pop.

◆ C:

1 provider for every 150,000 pop.

◆ D:

1 provider for every 200,000 pop.

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As of Aug.4, 2017, what was the average number of cases involved in a reported ILI/influenza-associated outbreak this season in Texas?

♦ A: 23

♦ B: 29

♦ C: 30

♦ D: 41

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◆ As of Aug. 4, 2017, what is the average age of the influenza-associated pediatric mortality cases for this season in Texas? ◆

◆ A: 9 years

◆ B: 5 years

◆ C: 3 years

◆ D: 12 years



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◆ What is the time period (range of months) of the “official” flu season? ◆

◆ A: Sept.-April

◆ B: Oct.-May

◆ C: Oct.-April

◆ D: Oct.-June

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What is not a common symptom of seasonal influenza illness?

◆ A: Cough

◆ B: Sore throat

◆ C: Conjunctivitis

◆ D: Fever

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◆ As of Aug. 4, 2017, how many influenza-associated pediatric mortality cases have been reported in the state? ◆

◆ A: 8

◆ B: 23

◆ C: 0

◆ D: 2

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The predominant influenza virus strain circulating in Texas for the season was _____.

◆ A: A/CALIFORNIA/07/2009-LIKE (H1N1)pdm09

◆ B: B/BRISBANE/60/1956-LIKE

◆ C: B/Sweden/3073/2007-LIKE

◆ D: A/Hong Kong/4801/2014-LIKE (H3N2)

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The month that had the highest number of reported influenza-associated pediatric mortality cases to DSHS Austin was _____.

◆ A: December

◆ B: February

◆ C: July

◆ D: September

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When should an influenza-associated pediatric mortality case be reported to a health department in Texas?

◆ A: Call immediately

◆ B: Within 1 work day

◆ C: Within 30 days

◆ D: Within 3 months

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How did the number of ILI/influenza-associated outbreaks reported in Texas in the 2016-17 season compare to the number reported in the 2015-16 season?

◆ A: Decreased in 2016-17

◆ B: Increased in 2016-17

◆ C: Stayed the Same

◆ D: No outbreaks in 2016-17

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The 2016-17 season Texas ILINet baseline was _____.

◆ A: 6.51%

◆ B: 5.35%

◆ C: 6.64%

◆ D: 3.36%

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As of Aug. 4, 2017, the pneumonia and influenza (P&I) mortality rate for the state is _____ (per 100,000).

◆ A: 28.88

◆ B: 55.04

◆ C: 25.63

◆ D: 16.23

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◆ In what month did the first influenza-associated outbreak of the season in Texas get reported to DSHS Austin? ◆

◆ A: February

◆ B: January

◆ C: December

◆ D: November

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The highest percentage of visits due to ILI for the season in Texas was _____.

◆ A: 13.75%

◆ B: 6.81%

◆ C: 10.74%

◆ D: 9.47%

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How many weeks was the statewide influenza activity level (geographic spread of influenza) reported to the CDC as "local"?

◆ A: 14

◆ B: 11

◆ C: 8

◆ D: 5

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What was the strain of the only reported novel/variant flu case in Texas during the 2016-17 season?

◆ A: H1N1v

◆ B: H3N2v

◆ C: H1N2v

◆ D: B

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♦ As of Aug. 04, 2017, what percentage of outbreaks due to ILI/influenza were reported to be influenza A? ♦

♦ A: 52%

♦ B: 43%

♦ C: 55%

♦ D: 49%

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What year was the last time Texas had a known outbreak of highly pathogenic avian influenza (HPAI) in domesticated birds?

◆ A: 2004

◆ B: 2009

◆ C: 2003

◆ D: 2005



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What influenza type causes mild respiratory illness and is not thought to cause epidemics?

◆ A: Flu W

◆ B: Flu C

◆ C: Flu A

◆ D: Flu E

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As of Aug. 14, 2017, the age category that had the highest number of pneumonia and influenza (P&I) deaths and mortality rate in Texas is _____.

◆ A: 50-64 years

◆ B: 0-4 years

◆ C: 65 years or older

◆ D: 25-29 years

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◆ As of Aug. 4, 2017, how many antiviral resistant influenza strains have been detected in Texas for the season? ◆

◆ A: 0

◆ B: 10

◆ C: 20

◆ D: 50

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Which group is not considered to be at high risk for flu complications?



◆ A:

Adults 65 years or older •

◆ B:

People with asthma •

◆ C:

Pregnant Women •

◆ D:

Children 5-10 years •

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◆ According to Texas **hospital** laboratory data, in what MMWR week did influenza peak in the state? ◆

◆ **A:** Week 12 (late Mar.) •

◆ **B:** Week 6 (early to mid Feb.) •

◆ **C:** Week 52 (end of Dec.) •

◆ **D:** Week 01 (beginning of Jan.) •

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What is the preferred specimen type for influenza testing at the DSHS laboratory?

◆ A: Throat swab

◆ B: NP swab

◆ C: Sputum

◆ D: Bronchial wash

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As of Aug. 4, 2017, the percentage of pediatric influenza-associated mortality cases in Texas that were vaccinated with this season's influenza vaccine was _____.

◆ A: 75.3%

◆ B: 0.00%

◆ C: 55.6%

◆ D: 17.8%

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◆ As of Aug. 9, 2017, the number of pneumonia and influenza (P&I) deaths reported in Texas during the season was _____. ◆

◆ A: 15,252

◆ B: 1,685

◆ C: 8,318

◆ D: 0

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What non-notifiable respiratory virus that circulates about the same time of year as influenza is DSHS required by the Texas Administrative Code to establish and maintain a sentinel surveillance program in children for?

◆ A: Respiratory Syncytial Virus (RSV)

◆ B: Seasonal coronavirus

◆ C: Rhinovirus

◆ D: Parainfluenza Virus

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What was the highest percentage of specimens positive for influenza in Texas from **public health** labs during the 2016-17 season?

◆ A: 62.32%

◆ B: 57.13%

◆ C: 74.43%

◆ D: 69.87%

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What was the highest percentage of specimens positive for influenza in Texas from **hospital** labs during the 2016-17 season?

◆ A: 32.10%

◆ B: 19.34%

◆ C: 29.48%

◆ D: 21.52%

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5	\$1,000
4	\$500
3	\$300
2	\$200
1	\$100

50:50



As of Aug. 4, 2017, how many weeks did the percentage of ILI visits go above the 2016-17 season Texas ILINet baseline?

◆ A: 12

◆ B: 5

◆ C: 6

◆ D: 10

?

QUIT

50:50



50:50



15	\$1 MILLION
14	\$500,000
13	\$250,000
12	\$125,000
11	\$64,000
10	\$32,000
9	\$16,000
8	\$8,000
7	\$4,000
6	\$2,000
5	\$1,000
4	\$500
3	\$300
2	\$200
1	\$100

◆ As of Aug. 4, 2017, how many influenza-associated pediatric mortality cases in Texas had an underlying health condition this season? ◆

◆ A: 4

◆ B: 6

◆ C: 3

◆ D: 1

?

QUIT

50:50



15 \$1 MILLION

14 \$500,000

13 ♦ \$250,000

12 ♦ \$125,000

11 ♦ \$64,000

10 ♦ \$32,000

9 ♦ \$16,000

8 ♦ \$8,000

7 ♦ \$4,000

6 ♦ \$2,000

5 ♦ \$1,000

4 ♦ \$500

3 ♦ \$300

2 ♦ \$200

1 ♦ \$100

50:50



How many people got sick after handling the cats infected with avian influenza during the outbreak in New York in December 2016?

♦ A: 1

♦ B: 2

♦ C: 4

♦ D: 8

?


QUIT


50:50



50:50



15  \$1 MILLION

14  \$500,000

13  \$250,000

12  \$125,000

11  \$64,000


10  \$32,000

9  \$16,000

8  \$8,000

7  \$4,000

6  \$2,000

5  \$1,000

4  \$500

3  \$300

2  \$200

1  \$100

As of Feb. 03, 2017, the total number of doses of the 2016-17 influenza vaccine distributed nationwide was _____.

◆ A: ~145 million doses

◆ B: ~160 million doses

◆ C: ~155 million doses

◆ D: ~150 million doses

