

CDC issues bird flu infection health alert

Description

The Centers for Disease Control and Prevention (CDC) has raised an **alert** about a human case of bird flu in Texas. A farm worker who recently tested positive for the deadly **avian** virus has sparked this warning. The worker developed an **eye infection** and later tested positive for the bird flu. Reports suggest he contracted the virus from dairy cows at the commercial farm where he works.

It's worth mentioning that he's the second person in the United States to be diagnosed with this disease. The first case was identified in Colorado earlier this year, in April. Despite these reports, the CDC has assured the public that the risk remains low, particularly for those who don't work closely with animals.

The bird flu virus, also known as **HPAI**, has a history of being deadly, with a mortality rate of over 50% from 2003 to 2016. The current outbreak, now the worst in U.S history, has affected over 82 million birds across 48 states. Therefore, the CDC has advised those at a **higher risk**, such as individuals working with birds, cattle, and other wildlife, to take preventive measures.

This story highlights the importance of **jumps** in the virus from animals to humans, a process known as **zoonotic transmission**. The significance of this issue underlines the need for strict health and safety procedures when handling animals.

Vocabulary Insights:

- **Alert** /??l??rt/ (noun): A warning of a potentially dangerous situation.
- **Avian** /?e?vi?n/ (adj.): Relating to birds.
- **Eye Infection** /a? ?n?f?k??n/ (noun): An infection that affects the eye or its surrounding tissue.
- **HPAI** /?e?t??pi??e??a?/ (noun): High Pathogenic Avian Influenza, a severe form of bird flu virus that is dangerous to both birds and humans.
- **Higher Risk** /?ha??r r?sk/ (phrase): A greater chance of being exposed to danger or harm.
- **Jumps** /d??mps/ (noun): Sudden movements or transitions, in this context referring to the transmission of a virus from one species to another.
- **Zoonotic Transmission** /zo?.??n?t.?k træn?sm???.?n/ (noun): The process by which infectious diseases are transmitted from animals to humans.

Vocabulary List:

1. **Alert** // (noun): A warning of a potentially dangerous situation.
2. **Avian** // (adj.): Relating to birds.
3. **Eye Infection** // (noun): An infection that affects the eye or its surrounding tissue.
4. **HPAI** // (noun): High Pathogenic Avian Influenza a severe form of bird flu virus that is dangerous to both birds and humans.

5. **Higher Risk** // (phrase): A greater chance of being exposed to danger or harm.
6. **Jumps** // (noun): Sudden movements or transitions in this context referring to the transmission of a virus from one species to another.

Vocabulary quizzes

Multiple Choice (Select the Correct answer for each question.)

1. How does a virus spread from one person to another?

- Option: Through vaccination
- Option: Through transmission
- Option: Through isolation
- Option: Through quarantine

2. What is the term used for isolating people who have been exposed to a contagious disease to prevent its spread?

- Option: Confinement
- Option: Vaccination
- Option: Quarantine
- Option: Medication

3. Which mental disorder is characterized by abnormal social behavior and failure to understand what is real?

- Option: Depression
- Option: Anxiety
- Option: Schizophrenia
- Option: Bipolar disorder

4. What does HPAI stand for in the context of bird diseases?

- Option: Highly Pathogenic Avian Influenza
- Option: Healthy Poultry and Avian Infections
- Option: High-Affinity Poultry Antiviral Infection
- Option: Hybrid Protein And Infection

5. What term is commonly used to describe a romantic or sexual relationship outside of marriage?

- Option: Marital bond
- Option: Conjunction
- Option: Affair
- Option: Connection

6. What is the envelope of gases surrounding the Earth or another planet?

Option: Biosphere
Option: Atmosphere
Option: Ionosphere
Option: Troposphere

7. Which medical professionals specialize in diagnosing and treating disorders of the nervous system?

Option: Orthopedists
Option: Cardiologists
Option: Neurologists
Option: Dermatologists

8. Which term describes someone who is susceptible to physical or emotional harm?

Option: Protected
Option: Powerful
Option: Vulnerable
Option: Resilient

9. How would you describe someone who is fully awake and attentive to what is happening around them?

Option: Drowsy
Option: Asleep
Option: Alert
Option: Unconscious

10. What term refers to limits or borders that define a person's space physical or emotional?

Option: Barriers
Option: Boundaries
Option: Frontiers
Option: Territories

Gap-Fill (Fill in the blanks with the correct word from the vocabulary list.)

11. Medical professionals may recommend _____ for individuals infected with contagious diseases.

12. It is natural for parents to have _____ for the safety and well-being of their children.

13. The strong _____ coming from the garbage bin indicated that it needed to be emptied.

14. Respecting someone's _____ means not intruding on their personal matters without

permission.

15. In any relationship _____ for each other is crucial for maintaining harmony and understanding.

16. The storm caused extensive _____ to the crops leading to financial losses for the farmers.

17. Cats are known for their agility and the ability to make high _____ to reach elevated surfaces.

18. The neighbors were involved in a _____ over the property boundary causing tension in the community.

19. The smell of burning rubber is extremely _____ and can cause headache and nausea.

20. The team captain was _____ victory after a hard-fought match against their rivals.

Matching Sentences (Match each definition to the correct word from the vocabulary list.)

21. A is a global outbreak of a disease that affects a large population across multiple countries or continents.

22. An is a marital arrangement where both partners agree to have extramarital relationships.

23. is a neuropsychological condition in which faces are perceived in a distorted manner.

24. A is a set of rules or instructions to help people carry out a task effectively and safely.

25. The car accident resulted in significant to the vehicle's front end.

26. Individuals with pre-existing health conditions are at of developing severe complications from certain illnesses.

27. The speaker captured the audience's with her engaging presentation on the topic.



28. is a mental disorder characterized by abnormalities in perception and expression of reality.

29. Skin are areas of damaged tissue resulting from injury or disease.

30. The security guard remained throughout the night to ensure the safety of the premises.

Answer

Multiple Choice: 1. Through transmission 2. Quarantine 3. Schizophrenia 4. Highly Pathogenic Avian Influenza 5. Affair 6. Atmosphere 7. Neurologists 8. Vulnerable 9. Alert 10. Boundaries

Gap-Fill: 11. isolation 12. concern 13. odor 14. privacy 15. respect 16. damage 17. jumps 18. dispute 19. unpleasant 20. claiming

Matching sentence: 1. Pandemic 2. Open marriage 3. Prosopometamorphopsia (PMO) 4. Guideline 5. Damage 6. Higher Risk 7. Attention 8. Schizophrenia 9. Lesions 10. Alert

CATEGORY

1. Health - LEVEL3

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