



CDC releases health alert on bird flu infection

Description

The U.S Centers for Disease Control and Prevention (CDC) has issued a health alert about a confirmed case of human bird flu infection in Texas. The patient, a farm worker on a commercial dairy farm developed conjunctivitis (pink eye) and later tested positive for the highly pathogenic avian influenza (HPAI).

Prior to this case, no previous transmissions of HPAI from cows to humans had been reported in the area despite occurrences of the virus in local dairy cattle and wild birds. The patient was not hospitalized but required antiviral treatment. No other members of the patient's household have shown symptoms.

Despite small changes detected in the patient's virus genome and sequences from the cattle and birds, there have been no signs of the virus adapting to infect mammals more efficiently. USDA officials have reported instances of infected dairy cattle herds in Texas, Kansas, Michigan, New Mexico and suspected cases in Idaho which are believed to be due to cattle movements across state lines.

Interestingly, this patient becomes only the second person in the U.S to test positive for the virus, following an earlier case in Colorado in April 2022. Importantly, some states are already implementing temporary restrictions on cattle imports.

The CDC advises that despite the generally low risk, anyone working or coming in contact with potentially infected birds or animals should take precautions. The present outbreak has seen a staggering 82 million birds across 48 states affected, making it the worst bird flu outbreak in U.S history.

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Vocabulary List:

1. **Conjunctivitis** // (noun): Inflammation of the transparent membrane that lines the eyelid and covers the white part of the eyeball.
2. **Antiviral** // (adjective): Effective against viruses.
3. **Pathogenic** // (adjective): Capable of causing disease.
4. **Transmissions** // (noun): The action or process of being transmitted.
5. **Adapting** // (verb): Making changes to become suitable for a new use or purpose.
6. **Staggering** // (adjective): Extremely impressive or surprising.

Vocabulary quizzes

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

1. Which of the following is commonly known as pink eye?
Option: Antiviral
Option: Pathogenic
Option: Conjunctivitis
Option: Transmissions
2. Which word means astonishing or deeply shocking?
Option: Accidentally
Option: Staggering
Option: Specialized
Option: Functioning
3. What term is used to describe a marked change in form nature or appearance?
Option: Responsible
Option: Role
Option: Manipulates
Option: Transformation
4. Which term refers to the condition of being physically fit and healthy?
Option: Transformation



- Option: Fatigue
- Option: Negligence
- Option: Fitness

5. What is a relatively flat and high land area?

- Option: Fitness
- Option: Plateau
- Option: Nutritionist
- Option: Rekindling

6. Which term describes a species that is likely to harm the environment it is introduced into?

- Option: Undisclosed
- Option: Refrain
- Option: Invasive
- Option: Frivolously

7. What is an organism that transmits a pathogen to another organism known as?

- Option: Enthralled
- Option: Acquiring
- Option: Invasive
- Option: Vector

8. Which term refers to the monitoring of behavior activities or information for the purpose of gathering information?

- Option: Transmission
- Option: Flourishes
- Option: Infestation
- Option: Surveillance

9. What is the failure to take proper care in doing something?

- Option: Transmission
- Option: Negligence
- Option: Rekindling
- Option: Undisclosed

10. Which term means to buy or obtain an object or asset?

- Option: Frivolously
- Option: Enthralled
- Option: Acquiring
- Option: Invasive



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

11. _____ microorganisms can cause disease in their host.
12. The machine stopped _____ after years of reliable operation.
13. In the play her _____ was to portray the antagonist.
14. In a suitable environment this plant _____ and grows rapidly.
15. Without proper pest control the house had an _____ of ants.
16. The surgeon performed the _____ procedure with precision.
17. Please _____ from using your phone during the meeting.
18. The audience was _____ by the magician's performance.
19. The company had an _____ agreement with its partners.
20. The dictator _____ the media to control public opinion.

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

21. After a long day at work he felt extreme tiredness and lack of energy.
22. The couple went on a romantic getaway in hopes of reviving their relationship.
23. She consulted a professional to create a balanced diet plan tailored to her needs.
24. Medication that inhibits the growth and spread of viruses in the body.
25. Being answerable and accountable for one's actions or duties.
26. The species evolved to survive in the changing environmental conditions.
27. He knocked over the vase while cleaning the table.
28. The authorities used advanced technology for constant monitoring of the city.



29. The accident could have been prevented if not for his lack of care.

30. Regular exercise and a balanced diet are essential for good health and .

Answer

Multiple Choice: 1. Conjunctivitis 2. Staggering 3. Transformation 4. Fitness 5. Plateau 6. Invasive 7. Vector 8. Surveillance 9. Negligence 10. Acquiring

Gap-Fill: 11. Pathogenic 12. Functioning 13. Role 14. Flourishes 15. Infestation 16. Specialized 17. Refrain 18. Enthralled 19. Undisclosed 20. Manipulates

Matching sentence: 1. Fatigue 2. Rekindling 3. Nutritionist 4. Antiviral 5. Responsible 6. Adapting 7. Accidentally 8. Surveillance 9. Negligence 10. Fitness

CATEGORY

1. Health - LEVEL4

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