



Four additional cats in the U.S. test positive for H5N1 bird flu virus

Description

The bird flu outbreak in the United States has taken a concerning turn as four more cats have tested positive for the H5N1 virus, bringing the total number of cases in the current outbreak to seven. State and federal officials have confirmed the new cases, with three cats showing symptoms of rapid decline and neurologic issues before ultimately succumbing to the illness.

The cats affected were found at dairy farms in Curry County, New Mexico, and Wood County, Ohio. This development follows the deaths of three other cats at dairy farms in Texas. The global spread of the H5N1 virus, particularly in mammals, has raised fears of potential human-to-human transmission. While human cases remain rare and primarily linked to contact with infected birds or cattle, the recent detection of viral fragments in commercial milk has heightened concerns.

The U.S. Department of Agriculture has reported 34 outbreaks at dairy farms in 9 states, with a farm worker in Texas also testing positive for the virus. Despite the presence of H5N1 in unpasteurized milk, experts believe that pasteurization renders the milk safe for consumption.

Cats, in particular, are vulnerable to the new strain of H5N1, with cases previously reported in other countries such as France, South Korea, and Poland. In the United States, a total of 20 cats have been infected, with 13 cases occurring last year in connection with infected poultry or wild birds.

As the situation continues to evolve, the World Health Organization has stressed the importance of real-time monitoring and information sharing to effectively combat the spread of the virus. With ongoing tests and research, efforts are being made to ensure public safety and prevent further outbreaks.

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Vocabulary List:

1. **Outbreak** // (noun): A sudden occurrence or increase of a disease.
2. **Transmission** // (noun): The process of passing something from one person or place to another.
3. **Symptoms** // (noun): Physical or mental features that indicate a condition or disease.
4. **Epidemiology** // (noun): The branch of medicine dealing with the incidence and control of diseases.
5. **Pasteurization** // (noun): The process of heating a liquid to kill bacteria and extend shelf life.
6. **Zoonotic** // (adjective): Relating to a disease that can be transmitted from animals to humans.

Vocabulary quizzes

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

1. What term is used to describe the sudden increase in cases of a disease in a specific area?
Option: A. Epidemic
Option: B. Transmission
Option: C. Zoonotic
Option: D. Therapies
2. Which process involves heating liquids such as milk to kill pathogens?
Option: A. Inflammation
Option: B. Zoonotic
Option: C. Pasteurization
Option: D. Genetic profiles
3. What are the essential components of food that are necessary for growth and health?
Option: A. Regimen
Option: B. Nutrients
Option: C. Intake
Option: D. Outbreak
4. Which term refers to diseases that can be transmitted from animals to humans?
Option: A. Epidemiology
Option: B. Premature



- Option: C. Zoonotic
- Option: D. Modifying

5. What statistical data is related to the population and subgroups within it?

- Option: A. Edible
- Option: B. Demographics
- Option: C. Disparities
- Option: D. Stark

6. Which term means harsh grim or desolate?

- Option: A. Alarming
- Option: B. Stark
- Option: C. Groundbreaking
- Option: D. Classification

7. What is the body's response to injury characterized by redness swelling and pain?

- Option: A. Incorporate
- Option: B. Inflammation
- Option: C. Certifications
- Option: D. Premature

8. What should be incorporated in a well-balanced diet to maintain health?

- Option: A. Edible
- Option: B. Therapies
- Option: C. Nutrients
- Option: D. Transmission

9. Which term means occurring before the usual time or before it is fully developed?

- Option: A. Premature
- Option: B. Botanical
- Option: C. Intake
- Option: D. Exacerbating

10. Which process involves categorizing items based on similarities or differences?

- Option: A. Modifying
- Option: B. Classifications
- Option: C. Certifications
- Option: D. Groundbreaking

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

11. _____ is the study and analysis of the patterns causes and effects of health and



disease conditions in defined populations.

12. It is important to achieve _____ levels of nutrient intake for overall well-being.

13. Poor air quality can have an _____ effect on respiratory conditions like asthma.

14. Public health _____ are aimed at promoting and protecting the health of the community.

15. Healthcare professionals often pursue specific _____ to demonstrate their expertise in certain areas.

16. _____ dietary habits can lead to improved health outcomes over time.

17. Ensure that you consume a variety of nutritious and _____ foods for a balanced diet.

18. Addressing healthcare _____ is crucial for achieving health equity across different populations.

19. The development of a new treatment with unprecedented effectiveness is considered _____ in the medical field.

20. Following a consistent exercise _____ can improve physical fitness and overall health.

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

21. Various forms of treatment used to alleviate symptoms and promote healing in patients.
22. Unique genetic information that influences an individual's characteristics and susceptibility to diseases.
23. Related to plants or plant life often used in reference to natural remedies.
24. To include or cover a wide range of concepts or entities within a single scope.



25. Vital essential or critical in relation to a successful outcome or process.
26. To integrate or include something as part of a whole.
27. Causing worry fear or concern due to potential dangers or threats.
28. Indications or signs of a medical condition experienced by an individual.
29. A branch of medicine that deals with the incidence distribution and control of diseases.
30. The process by which a disease is passed from one person to another or from an animal to a person.

Answer

Multiple Choice: 1. A. Epidemic 2. C. Pasteurization 3. B. Nutrients 4. C. Zoonotic 5. B. Demographics 6. B. Stark 7. B. Inflammation 8. C. Nutrients 9. A. Premature 10. B. Classification

Gap-Fill: 11. Epidemiology 12. optimal 13. exacerbating 14. interventions 15. certifications 16. Modifying 17. edible 18. disparities 19. groundbreaking 20. regimen

Matching sentence: 1. Therapies 2. Genetic profiles 3. Botanical 4. Encompass 5. Crucial 6. Incorporate 7. Alarming 8. Symptoms 9. Epidemiology 10. Transmission

CATEGORY

1. Health - LEVEL6

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