



H5N1 Bird Flu Spreads to Multiple Mammal Species; Measures to Protect Cats

Description

The bird flu outbreak in the United States is causing concern as it spreads rapidly, infecting various species including mammals in 31 states. Cows in 12 states, as well as other animals such as foxes, mice, skunks, mountain lions, harbor seals, and alpacas have all been affected by the virus. Interestingly, 21 domestic cats in nine states have tested positive for the virus since March 1, raising questions about the spread of the illness.

While the possibility of humans getting sick from their feline companions remains low, the virus can be transmitted through cats' bodily fluids. All cases of human infection so far have been linked to exposure on farms, with affected individuals fully recovering. Efforts are underway to contain and reduce the transmission of the virus.

Experts from Cornell University believe that the bird flu affecting dairy cows originated from contaminated water and food sources by migrating wild birds. The outbreak has also impacted birds and cats on affected farms. It is essential for pet owners to monitor their pets closely for any signs of illness, especially if they have been in contact with infected birds or potentially contaminated environments. Taking precautionary measures to prevent exposure is key in halting the spread of the virus.

Vocabulary List:

1. **Outbreak** /'aʊt.breɪk/ (noun): A sudden increase in the occurrence of a disease.
2. **Infection** /ɪn'fɛkʃən/ (noun): The invasion and multiplication of microorganisms in body tissues.
3. **Transmission** /trænz'mɪʃən/ (noun): The act of transferring something from one place to another.
4. **Precautionary** /prɪ'kɔːʃən,eri/ (adjective): Carried out as a precaution; preventive.
5. **Contaminated** /kən'tæmɪneɪtɪd/ (adjective): Made impure by exposure to or addition of a poisonous or polluting substance.
6. **Surveillance** /sə'rveɪləns/ (noun): Close observation especially of a suspected spy or criminal.

Comprehension Questions



Multiple Choice

1. How many states in the United States have been affected by the bird flu outbreak?
Option: 21
Option: 31
Option: 41
Option: 51
2. Which of the following animals have been impacted by the bird flu virus?
Option: Dogs
Option: Cats
Option: Skunks
Option: Bears
3. How many cats tested positive for the virus since March 1?
Option: 19
Option: 21
Option: 25
Option: 30
4. Where do experts believe the bird flu affecting dairy cows originated from?
Option: Infected cattle
Option: Contaminated water and food sources by migrating wild birds
Option: Airborne transmission
Option: Contaminated medical supplies
5. How are humans mainly getting infected with the bird flu virus?
Option: Airborne transmission
Option: Through feline companions
Option: Contact with contaminated environments
Option: Direct sunlight exposure
6. What precautionary measure is key in halting the spread of the virus?
Option: Vitamin supplements
Option: Social distancing
Option: Monitoring pets closely
Option: Consumption of raw meat



Answer

Multiple Choice: 1. 31 2. Skunks 3. 21 4. Contaminated water and food sources by migrating wild birds
5. Contact with contaminated environments 6. Monitoring pets closely

Vocabulary quizzes

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

1. Which disease is transmitted through the saliva of infected animals?
Option: Rabies
Option: Avian influenza
Option: Lyme disease
Option: Muscle mass
2. What is a preventive measure taken to boost immunity against specific diseases?
Option: Vaccinations
Option: Transmission
Option: Unincorporated
Option: Contaminated
3. Which term refers to the frequency of deaths within a specific population?
Option: Precautionary
Option: Mortality rate
Option: Cognitive
Option: Impact
4. How is an infectious disease passed from one individual to another?
Option: Determine
Option: Rabies
Option: Transmission
Option: Antidepressant
5. What term describes the ability to move or be moved freely and easily?
Option: Mobility
Option: Infection
Option: Surgeon General
Option: Accountability



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6. Who is the leading spokesperson on matters of public health in the United States?
- Option: Proactive measures
 - Option: Mobility
 - Option: Surgeon General
 - Option: Rabies
7. What type of measures are taken in advance to prevent possible harm?
- Option: Antidepressant
 - Option: Precautionary
 - Option: Infectious
 - Option: Lyme disease
8. What term describes something that has been infected with harmful substances?
- Option: Avian influenza
 - Option: Contaminated
 - Option: Bureau
 - Option: Ultimate
9. What is the invasion and multiplication of microorganisms in body tissues?
- Option: Infection
 - Option: Categorize
 - Option: Vigilance
 - Option: Exposure
10. What term describes the sudden increase in the occurrences of a disease in a specific time and place?
- Option: Outbreak
 - Option: Surgical masks
 - Option: Equine
 - Option: Vigilance

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

11. _____ to a contaminated environment can lead to the spread of infectious diseases.
12. Patients with depression may be prescribed _____ medications to manage their symptoms.
13. Medical advancements have helped to _____ the treatment of many illnesses.
14. Healthcare professionals have a responsibility to uphold high standards of _____.
15. Ticks carrying the bacteria that causes _____ can transmit the disease to humans



through bites.

16. Proper nutrition is essential for maintaining good _____ function.

17. Public health officials emphasize the importance of maintaining _____ during disease outbreaks.

18. Regular exercise can help increase _____ and overall strength.

19. The _____ goal of vaccination campaigns is to achieve herd immunity.

20. Maintaining joint flexibility is important for overall _____.

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

21. Farm animals such as cattle and poultry raised for food or other agricultural purposes.
22. An administrative unit or office typically in government or large organizations.
23. A type of influenza virus that primarily infects birds but can also affect humans and other animals.
24. To ascertain or establish exactly by research or calculation.
25. Alert attention watchfulness or caution especially in detecting and preventing danger.
26. Steps taken to prevent or control a situation before it happens.
27. To ascertain or establish exactly by research or calculation.
28. To change something radically or significantly in a positive way.
29. To arrange or classify things according to determined criteria.
30. The effect or influence of one person thing or action on another.

Answer

Multiple Choice: 1. Rabies 2. Vaccinations 3. Mortality rate 4. Transmission 5. Mobility 6. Surgeon General 7. Precautionary 8. Contaminated 9. Infection 10. Outbreak

Gap-Fill: 11. Exposure 12. Antidepressant 13. Revolutionize 14. Accountability 15. Lyme disease 16. Cognitive



17. Vigilance 18. Muscle mass 19. Ultimate 20. Mobility

Matching sentence: 1. Livestock 2. Bureau 3. Avian influenza 4. Determine 5. Vigilance 6. Proactive measures
7. Determine 8. Revolutionize 9. Categorize 10. Impact

CATEGORY

1. Health - LEVEL4

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