



Colorado Reports Bird Flu Case: One Hospitalized with Symptoms

Description

The Centers for Disease Control and Prevention (CDC) has verified a third hospitalization in the U.S. due to bird flu, as announced by Wyoming's health department. This case involves a woman from Wyoming who was hospitalized in neighboring Colorado. She was experiencing "flu-like symptoms" and possessed underlying health conditions, making her more vulnerable to illness. Wyoming health officials suspect her exposure to the H5N1 virus stemmed from direct contact with an infected poultry flock at her residence.

"We are diligently monitoring the situation in collaboration with state and national specialists," stated Dr. Alexia Harrist, Wyoming's state health officer. It remains unclear how many individuals in Colorado might have encountered the virus while traveling.

The patient resides in Wyoming's Platte County, where the Wyoming Livestock Board recently identified three backyard flocks infected with the virus, specifically the B3.13 strain. State veterinarian Hallie Hasel noted to CBS News that it is unclear if the human case in Colorado also involved B3.13. A CDC spokesperson has not responded to inquiries regarding the virus's genetic sequencing.

Experts initially believed the B3.13 strain might be less severe for humans. This contrasts with the D1.1 strain, which caused a fatality in Louisiana last month and hospitalized a child in Canada last year. Meanwhile, the first U.S. bird flu hospitalization recorded in Missouri last year involved B3.13, though officials suggested hospitalization occurred for other reasons.

This hospitalization occurs shortly after bird flu was confirmed in Nevada and Ohio, with the former experiencing mild symptoms. Additionally, a pet food recall was issued after the virus spread among cats in Oregon, and the D1.1 strain jumped from birds to cows in Arizona. Before this case, the CDC had confirmed 68 human bird flu cases, predominantly linked to direct contact with infected animals. Despite a surge in seasonal influenza overwhelming hospitals, current data suggests it is routine seasonal strains, not bird flu, driving this seasonal peak. The CDC declared this influenza season the first with "high severity" since 2017.

Vocabulary List:

1. **Hospitalization** /ˌhɒspɪtəlɪˈzeɪʃən/ (noun): The act of being admitted to a hospital for treatment.
2. **Vulnerable** /ˈvʌlnərəbl/ (adjective): Capable of being physically or emotionally harmed.
3. **Suspect** /səsˈpekt/ (verb): To believe that something is true or likely.
4. **Confirmed** /kənˈfɜːrmd/ (verb): Established the truth or correctness of something.
5. **Strain** /streɪn/ (noun): A variation of a microorganism or virus.
6. **Symptoms** /ˈsɪmptəmz/ (noun): Physical or mental features indicating a condition.



Comprehension Questions

Multiple Choice

1. Where did the woman from Wyoming, hospitalized due to bird flu, reside?
Option: Colorado
Option: Wyoming
Option: Louisiana
Option: Missouri
2. What strain of the virus was specifically identified in the backyard flocks in Wyoming's Platte County?
Option: H5N1
Option: B3.13
Option: D1.1
Option: H7N9
3. Which strain of the virus caused a fatality in Louisiana and hospitalized a child in Canada?
Option: H5N1
Option: B3.13
Option: D1.1
Option: H7N9
4. How many human bird flu cases had the CDC confirmed before this latest hospitalization?
Option: 45
Option: 68
Option: 82
Option: 97
5. Where did bird flu cases occur before the one verified in Colorado?
Option: Arizona and Wyoming
Option: Nevada and Ohio
Option: Louisiana and Missouri
Option: Oregon and Colorado
6. Which influenza season has been declared the first with "high severity" since 2017 by the CDC?
Option: 2018



Option: 2019
Option: 2020
Option: 2021

True-False

7. The B3.13 strain of the virus is believed to be more severe for humans compared to the D1.1 strain.
8. The human cases of bird flu are mostly linked to indirect contact with infected animals.
9. The CDC has not responded to inquiries regarding the genetic sequencing of the virus involved in the Colorado case.
10. Seasonal influenza is currently overwhelming hospitals more than bird flu cases.
11. The D1.1 strain of the virus spread among cats in Oregon before reaching cows in Arizona.
12. This is the first U.S. bird flu hospitalization related to the B3.13 strain to have occurred.

Gap-Fill

13. The first U.S. bird flu hospitalization in Missouri last year involved the _____ strain.
14. Dr. Alexia Harrist is the state health officer of _____.
15. The CDC declared this influenza season the first with "high severity" since _____.
16. The patient exposed to the H5N1 virus in Colorado resided in Wyoming's _____
County.
17. The Wyoming Livestock Board identified _____ backyard flocks in Platte County with
the virus.
18. The D1.1 strain caused a fatality in _____ last month.



Answer

Multiple Choice: 1. Wyoming 2. B3.13 3. D1.1 4. 68 5. Nevada and Ohio 6. 2020

True-False: 7. False 8. False 9. True 10. True 11. True 12. False

Gap-Fill: 13. B3.13 14. Wyoming 15. 2017 16. Platte 17. three 18. Louisiana

Vocabulary quizzes

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

1. What are medical conditions called?

Option: Conditions

Option: Illnesses

Option: Ailments

Option: Diseases

2. Change into another form or structure is known as:

Option: Evolution

Option: Revolution

Option: Transition

Option: Transformation

3. What is another word for energetic or strong?

Option: Lethargic

Option: Sluggish

Option: Passive

Option: Vigorous

4. What type of substance prevents oxidation?

Option: Antibiotic

Option: Antiparasitic

Option: Antiemetic

Option: Antioxidant

5. What is the body's response to injury or infection?

Option: Fibrosis

Option: Inflammation

Option: Hemorrhage

Option: Thrombosis



6. Which term refers to high blood pressure?

- Option: Hypotensive
- Option: Normotensive
- Option: Hypercholesterolemic
- Option: Hypertensive

7. What do we call a person who deliberately destroys things?

- Option: Hero
- Option: Villain
- Option: Saboteur
- Option: Savior

8. The process of calcite being deposited on some organic matter is called:

- Option: Ossification
- Option: Mineralization
- Option: Fossilization
- Option: Calcification

9. What is the final status after a suspicion is verified?

- Option: Doubted
- Option: Verified
- Option: Confirmed
- Option: Questioned

10. What is the act of adding something extra to complete or enhance something?

- Option: Subtraction
- Option: Multiplication
- Option: Division
- Option: Supplementation

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

11. The _____ of a material refers to its ability to withstand and recover from stress or change.

12. The act of placing a patient in a hospital for medical treatment is known as _____.

13. The steel was _____ to prevent it from rusting.

14. The _____ of a drug refers to its ability to produce the desired effect.



15. The police have identified a _____ in connection with the robbery.
16. The smell of fresh flowers filled the room _____ creating a delightful atmosphere.
17. The power _____ caused our conversation to halt abruptly.
18. The company decided to _____ its workforce by hiring more employees.
19. His _____ led to his downfall as he failed to see the looming dangers.
20. Lifting heavy weights can put a lot of _____ on your muscles.

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

21. A person qualified to advise on diet and nutrition is known as a nutritionist.
22. The practice of being aware of the present moment without judgment is called mindfulness.
23. Those who are susceptible to harm or attack are considered vulnerable.
24. Once a suspicion or doubt is verified to be true it is confirmed.
25. The body's defense system that protects against infections is called the immune system.
26. A type of stroke caused by bleeding in the brain is known as hemorrhagic stroke.
27. A complete change in form or appearance is referred to as transformation.
28. The ability of a product to produce a desired or intended result is its efficacy.
29. Related to the heart and blood vessels issues within this system are cardiovascular.
30. A person who deliberately disrupts or destroys things is known as a saboteur.

Answer

Multiple Choice: 1. Ailments 2. Transformation 3. Vigorous 4. Antioxidant 5. Inflammation 6. Hypertensive 7. Saboteur 8. Calcification 9. Confirmed 10. Supplementation

Gap-Fill: 11. Resilience 12. Hospitalization 13. Galvanized 14. Efficacy 15. Suspect 16. Pervasively 17. Interruption 18. Augment 19. Complacency 20. Strain

Matching sentence: 1. Nutritionist 2. Mindfulness 3. Vulnerable 4. Confirmed 5. Immune 6. Hemorrhagic 7. Transformation



8. Efficacy 9. Cardiovascular 10. Saboteur

CATEGORY

1. Health - LEVEL4

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Author

aimeeyoung99

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