

# China's HMPV Virus Outbreak: Key Concerns Unveiled

#### **Description**

Human Metapneumovirus (HMPV) is typically recognized for inducing symptoms akin to a common cold, such as coughs, wheezing, and runny noses. However, a recent uptick in HMPV cases, particularly among children under 14 in northern China, has prompted authorities to issue warnings as the Lunar New Year—the peak season for travel and social gatherings—draws near, often coinciding with health crises.

According to Xinhua, China's state news agency, HMPV cases have been on a steady incline since mid-December, with notable increases in both outpatient and emergency visits. Officials caution that these numbers could climb even higher as holiday travel reaches its apex.

During a news briefing on Friday, December 27, Kan Biao, the director of the Chinese Center for Disease Control and Prevention's Institute for Infectious Diseases, commented that while the surge is noteworthy, it follows the expected seasonal patterns of respiratory viruses such as influenza and RSV.

#### **Protective Measures:**

- To mitigate the risk of infection, health experts advocate:
- Diligent handwashing with soap and water.
- Wearing masks in crowded or insufficiently ventilated spaces.
- Avoiding close contact with symptomatic individuals.
- Staying home when feeling unwell.

Experts highlight that HMPV is distinct from COVID-19 in several critical aspects. Unlike COVID-19, HMPV is not a novel virus, and there is already broad immunity within the population.

Chinese officials have reassured the public that the healthcare system can manage the current situation but are also implementing a new system to monitor unknown pneumonia cases, aiming to enhance early detection strategies.

Stay tuned to Daily Voice for further updates as the situation evolves.



# **Vocabulary List:**

- 1. **Metapneumovirus** /,mɛtə'nju:mə,vaɪrəs/ (noun): A virus that causes respiratory infections particularly in children.
- 2. Symptoms /'sɪmptəmz/ (noun): Physical or mental features indicating a condition or disease.
- 3. Caution /'kɔːʃən/ (noun): Care taken to avoid danger or mistakes.
- 4. Infectious /In'fɛkʃəs/ (adjective): Capable of causing infection or being transmitted.
- 5. **Surge** /s3:rdʒ/ (noun): A sudden increase or rise.
- 6. Mitigate /'mɪtɪgeɪt/ (verb): To make less severe serious or painful.

# **Comprehension Questions**

#### **Multiple Choice**

1. What are typical symptoms induced by Human Metapneumovirus (HMPV)?

Option: Fever and fatigue

Option: Coughs, wheezing, and runny noses

Option: Joint pain and headache

Option: Shortness of breath and chest pain

2. Where has there been a recent uptick in HMPV cases, notably among children under 14?

Option: Southern China Option: Northern China Option: Eastern China Option: Western China

3. Who commented that the surge in HMPV cases follows expected seasonal patterns of other respiratory viruses?

Option: Kan Biao Option: Xinhua

Option: Chinese Center for Disease Control

Option: Daily Voice

4. What protective measure is advocated by health experts to mitigate the risk of HMPV infection?

Option: Drinking herbal teas



Option: Wearing sunglasses indoors Option: Avoiding crowded places

Option: Diligent handwashing with soap and water

5. How is HMPV distinct from COVID-19 according to experts?

Option: HMPV is a novel virus

Option: COVID-19 induces joint pain

Option: HMPV has broad population immunity

Option: COVID-19 is only transmitted through animals

6. What new system are Chinese officials implementing to enhance early detection strategies for unknown pneumonia cases?

Option: Online shopping platform
Option: Public transportation network
Option: Healthcare system expansion

Option: Monitoring system for pneumonia cases

#### **True-False**

- 7. Authorities have issued warnings due to an increase in HMPV cases, especially in adults over 60.
- 8. HMPV cases have been decreasing since mid-December according to Xinhua.
- 9. HMPV is a novel virus like COVID-19.
- 10. Chinese officials reassured the public that the healthcare system may face challenges in managing the current situation.
- 11. Experts recommend avoiding close contact with symptomatic individuals to prevent HMPV infection.
- 12. HMPV is typically recognized for producing symptoms similar to a common cold.

### **Gap-Fill**

13. Chinese officials are implementing a new system to monitor unknown pneumonia cases, aiming to
enhance early detection strategies:
14. HMPV is distinct from COVID-19 in that it already has broad immunity within the population, unlike



COVID-19 which is a virus.
15. Kan Biao, the director of the Chinese Center for Disease Control and Prevention's Institute for Infectious
Diseases, stated that the surge in HMPV cases follows the expected seasonal patterns of respiratory viruses
such as influenza and
16. Health experts advocate diligent handwashing with soap and water as one of the protective measures
against HMPV to mitigate the risk of
17. The peak season for travel and social gatherings, often coinciding with health crises, is approaching,
leading to concerns about a potential increase in HMPV cases during the
18. HMPV is typically recognized for inducing symptoms akin to a, such as coughs,
wheezing, and runny noses.

## **Answer**

**Multiple Choice:** 1. Coughs, wheezing, and runny noses 2. Northern China 3. Kan Biao 4. Diligent handwashing with soap and water 5. HMPV has broad population immunity 6. Monitoring system for pneumonia cases

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

Gap-Fill: 13. Monitoring system for pneumonia cases 14. novel 15. RSV 16. infection 17. Lunar New Year

18. common cold

# Vocabulary quizzes

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

1. Which term refers to substances that bind to a receptor and activate or stimulate it to produce a biological response?



Option: Agonists Option: Prohibit Option: Hazardous Option: Impulsive

2. Which term describes the process of interaction and integration among people companies and governments worldwide?

Option: Insecurity Option: Globalization Option: Compliance

Option: Array

3. What term refers to the act or process of passing something from one person or place to another?

Option: Quarantine Option: Infectious Option: Transmission Option: Mitigate

4. What is the term for the ability of an organism to resist a particular infection or toxin? ESL-NEWS.

Option: Surge Option: Immunity Option: Substantial Option: Dilemma

5. Which term refers to the act of conforming to a rule command or request?

Option: Demands Option: Extreme Option: Caution Option: Compliance

6. What activity involves allocating resources usually money in expectation of benefit in the future?

Option: Accuracy Option: Investing Option: Severe Option: Contagious

7. Which term refers to the process of combining different elements into a whole?

Option: Unprecedented Option: Integration Option: Cardiovascular

Option: Dilemma

8. What term describes the quality or state of being correct or precise?



Option: Risk
Option: Impulsive
Option: Accuracy
Option: Symptoms
What are the subje

9. What are the subjective manifestations of a pathological condition?

Option: Risk
Option: Infectious
Option: Symptoms
Option: Consequences

10. Which term refers to the conditions under which something is limited or restricted?

Option: Caution
Option: Limitations
Option: Array

Option: Navigation

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

11	diseases refer to condition	ons that involve the hea	rt or blood vessels.
	al disaster was		
13. Efforts to	the effects of c	limate change are cruc	ial for the planet's future.
14. The museum displaye	d an impressive	of artifact	s from different historical
periods.			
15. Individuals exposed to	o contagious diseases may be	e placed in	to prevent
further spread.			
16. The storm warning inc	licated	weather conditions	s with high winds and heavy
rainfall.			
17. Studying for medical s	school exams is known to be		due to the vast amount of
material to cover.			
18. His	decision to quit his jo	b surprised everyone a	s he had not planned it



beforehand.
beforehand.
19. Working with certain chemicals without proper protective gear can be extremely
to health.
20. The flu virus is known to be highly and can spread rapidly in crowded places.
Matching Sentences ( Match each definition to the correct word from the vocabulary list. )
21. She faced a moral when deciding between helping her friend cheat or reporting the cheating.
22. The common cold is an disease that spreads easily among people.
23. Scientific experiments require a high level of to ensure reliable results.
24. There was a sudden in the number of COVID-19 cases in the region leading to a healthcare crisis.
25. The company experienced a increase in profits after implementing cost-saving measures.
26. Advanced GPS technology has revolutionized the way we approach while driving.
27. The scientific discovery was considered due to its groundbreaking nature.
28. The high-stress job often places significant on employees to meet tight deadlines.
29. When handling hazardous materials it is essential to proceed with great to prevent accidents

#### **Answer**

**Multiple Choice:** 1. Agonists 2. Globalization 3. Transmission 4. Immunity 5. Compliance 6. Investing 7. Integration 8. Accuracy 9. Symptoms 10. Limitations

30. is a type of respiratory virus that can cause symptoms similar to the common cold.

**Gap-Fill:** 11. Cardiovascular 12. unprecedented 13. mitigate 14. array 15. quarantine 16. severe 17.

demanding 18. impulsive 19. hazardous 20. contagious

**Matching sentence:** 1. Dilemma 2. Infectious 3. Accuracy 4. Surge 5. Substantial 6. Navigation 7. Unprecedented 8. Demands 9. Caution 10. Metapneumovirus

#### **CATEGORY**

1. Health - LEVEL4



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