



CDC's 2024 Trend Measurement for COVID and Influenza.

Description

The Centers for Disease Control and Prevention has introduced a new feature for Americans to check the local levels of viruses such as COVID-19 and flu in their area for 2024. This year's "community snapshot" aims to consolidate CDC data in one place to help individuals determine when to take necessary precautions like masking or testing as we head into the fall and winter seasons.

The centerpiece of this new initiative is a weekly metric called "acute respiratory illness." This metric, which ranges from "minimal" to "very high," combines data on infections from COVID-19, influenza, and other airborne diseases such as whooping cough or pneumonia. The CDC, led by Captain Matthew Ritchey, collaborates with experts weekly to analyze hospital data, wastewater sampling, and testing laboratory results to determine the risk level in each state or county.

Looking ahead, the CDC plans to incorporate nationwide hospitalization data, starting in November, for COVID-19, influenza, and RSV. Additionally, the agency is working on expanding the snapshot to include information on other respiratory illnesses beyond the big three. Ritchey emphasizes the importance of public feedback in refining and enhancing the snapshot to better serve both health practitioners and the general public.

Vocabulary List:

1. **Consolidate** /kən'sɒlɪdeɪt/ (verb): To combine a number of things into a single more effective or coherent whole.
2. **Precautions** /prɪ'kɔːʃənz/ (noun): Measures taken in advance to prevent something dangerous or unpleasant from happening.
3. **Metric** /'metrɪk/ (noun): A standard of measurement.
4. **Infections** /ɪn'fekʃənz/ (noun): The process of infecting or the state of being infected.
5. **Collaborates** /kə'læbə'reɪts/ (verb): Work jointly on an activity or project.
6. **Importance** /ɪm'pɔːrtəns/ (noun): The state or fact of being of great significance or value.

Comprehension Questions

Multiple Choice

1. What is the main purpose of the CDC's "community snapshot" feature introduced for Americans in 2024?



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- Option: A. To provide daily weather updates
Option: B. To check local levels of viruses like COVID-19 and flu
Option: C. To offer free healthcare services
Option: D. To promote vaccination campaigns
2. What is the name of the weekly metric introduced by the CDC as part of the "community snapshot"?
- Option: A. Acute Viral Illness
Option: B. Infection Index
Option: C. Acute Respiratory Illness
Option: D. Disease Severity Scale
3. Who leads the CDC in analyzing data and determining risk levels in each state or county for the "community snapshot"?
- Option: A. Dr. Anthony Fauci
Option: B. Captain Matthew Ritchey
Option: C. Dr. Rochelle Walensky
Option: D. Dr. Deborah Birx
4. What type of data will the CDC incorporate for COVID-19, influenza, and RSV starting in November?
- Option: A. International travel data
Option: B. Nationwide hospitalization data
Option: C. Food consumption statistics
Option: D. Weather patterns
5. What is one of the diseases included in the data considered for the weekly metric "acute respiratory illness"?
- Option: A. Measles
Option: B. Malaria
Option: C. Whooping cough
Option: D. Food poisoning
6. What aspect of the "community snapshot" does Captain Matthew Ritchey emphasize the importance of refining and enhancing through public feedback?
- Option: A. Frequency of data collection
Option: B. Inclusion of international data
Option: C. Public health campaigns
Option: D. Snapshot features for healthcare professionals and the public



True-False

7. Captain Matthew Ritchey is the leader of the CDC.
8. The CDC plans to expand the "community snapshot" to include information on other respiratory illnesses besides the big three.
9. The "acute respiratory illness" metric in the "community snapshot" ranges from "very low" to "extremely high."
10. The CDC started incorporating nationwide hospitalization data for COVID-19 and influenza in October.
11. Experts collaborate with the CDC weekly to analyze hospital data and determine risk levels for each state or county.
12. The "community snapshot" feature aims to help individuals determine when to take necessary actions like masking or testing during spring and summer seasons.

Gap-Fill

13. The CDC plans to incorporate nationwide hospitalization data for COVID-19, influenza, and RSV beginning in _____.
14. Captain Matthew Ritchey collaborates with experts weekly to analyze hospital data, _____, and testing laboratory results.
15. The metric "acute respiratory illness" in the "community snapshot" ranges from "minimal" to "_____."
16. The "acute respiratory illness" metric combines data on infections from COVID-19, influenza, and other airborne diseases like _____.
17. The CDC emphasizes the importance of capturing public feedback to refine and enhance the



"community snapshot" for both health practitioners and the general _____.

18. Ritchey intends to expand the snapshot to include information on other _____

beyond the big three.

Answer

Multiple Choice: 1. B. To check local levels of viruses like COVID-19 and flu 2. C. Acute Respiratory Illness 3. B. Captain Matthew Ritchey 4. B. Nationwide hospitalization data 5. C. Whooping cough 6. D. Snapshot features for healthcare professionals and the public

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

Gap-Fill: 13. November 14. wastewater sampling 15. very high 16. whooping cough or pneumonia 17. public 18. respiratory illnesses

Vocabulary quizzes

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

1. Who directed the movie "Inception"?

- Option: Christopher Nolan
- Option: Steven Spielberg
- Option: Quentin Tarantino
- Option: Martin Scorsese

2. Which medical condition is characterized by a decline in cognitive abilities?

- Option: Dementia
- Option: Diabetes
- Option: Hypertension
- Option: Arthritis

3. Which molecule is responsible for transferring genetic information from the nucleus to the cytoplasm?

- Option: DNA
- Option: RNA
- Option: Protein
- Option: Carbohydrate

4. What term refers to the enforcement of rules or laws in a system?

- Option: Adaptation



- Option: Regulation
- Option: Innovation
- Option: Delegation

5. What is the significance of emphasizing the role of education?

- Option: Insignificance
- Option: Unimportance
- Option: Importance
- Option: Irrelevance

6. What is the process of moving people or goods from one place to another called?

- Option: Communication
- Option: Transportation
- Option: Acquisition
- Option: Transfer

7. What term describes a mutual relationship or connection between two or more things?

- Option: Isolation
- Option: Segregation
- Option: Correlation
- Option: Disintegration

8. Which term refers to changes in DNA that can lead to variations in traits?

- Option: Stabilization
- Option: Mutations
- Option: Standardization
- Option: Normalizations

9. Which term is used to measure or quantify a particular attribute or phenomenon?

- Option: Subjective
- Option: Qualitative
- Option: Quantitative
- Option: Metric

10. What process involves conducting trials or tests to explore new ideas or hypotheses?

- Option: Imitating
- Option: Experimenting
- Option: Stagnating
- Option: Conforming

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



11. Individuals with weakened immune systems are more _____ to infections.
12. The new software features _____ security measures to protect user data.
13. The _____ of the event required meticulous planning and coordination.
14. Antibiotics are commonly used to treat bacterial _____.
15. The engine is a crucial _____ of a car that powers its movement.
16. The company aims to _____ its position in the market through strategic acquisitions.
17. The new design will focus on _____ user feedback to improve functionality.
18. The first phase of the project was successful and the _____ stages will commence next month.
19. Regular exercise is _____ for maintaining a healthy lifestyle.
20. Effective time management involves _____ tasks based on their importance and urgency.

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

21. Emergency services arrived at the scene to provide immediate assistance.
22. The study focused on how memory and perception are related to brain function.
23. The research explored how DNA influences hereditary traits.
24. The report highlighted a sudden increase in reported cases of the disease.
25. The new treatment methods aimed to provide relief and promote healing.
26. Doctors advised taking preventive measures to avoid potential risks.
27. The research team works together to share expertise and achieve common goals.
28. The bulge in the wall indicated a possible structural weakness.



29. The company aims to strengthen its position by integrating resources and strategies.

30. The dance performance required precise coordination of movements and music.

Answer

Multiple Choice: 1. Christopher Nolan 2. Dementia 3. RNA 4. Regulation 5. Importance 6. Transportation 7. Correlation 8. Mutations 9. Metric 10. Experimenting

Gap-Fill: 11. susceptible 12. enhanced 13. orchestration 14. infections 15. component 16. consolidate 17. incorporating 18. subsequent 19. vital 20. prioritizing

Matching sentence: 1. Intervention 2. Cognitive 3. Genetics 4. Incidence 5. Therapeutic 6. Precautions 7. Collaborates 8. Protrusion 9. Consolidate 10. Orchestration

CATEGORY

1. Health - LEVEL4

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