



Austin Confirms Measles Case, Separate from Texas Outbreak

Description

Recent measles cases in Texas have predominantly occurred in the South Plains region; however, the case in Austin involves an infant exposed while traveling abroad.

AUSTIN, Texas — A case of measles has been confirmed by Austin health officials in an unvaccinated infant who contracted the disease overseas. The rest of the family is vaccinated, and contact tracing is complete, suggesting no further exposures are expected. The family is currently in isolation.

Dr. Desmar Walkes of Austin Public Health emphasized the need for vigilance. Despite a declining vaccination rate, the authorities had prepared for such an event and are urging individuals to get vaccinated posthaste.

This incident is unrelated to the South Plains outbreak, which has seen 146 cases reported by February 28. The gravity of measles can't be overstated, as it is highly contagious; if one infected person sneezes or coughs, nearly 90% of nearby unprotected individuals may contract the virus. It remains airborne for up to two hours after the infected person has left.

Local officials reiterate that there is no outbreak in Austin, though they advise taking precautions. The MMR vaccine, effective at 93% for one dose and 97% for two, is essential for protection. Travis County's MMR vaccination rate for kindergarteners hovers below 90%, prompting efforts to increase this rate to achieve herd immunity.

With South by Southwest (SXSW) around the corner, there are concerns about potential spread. The health department is collaborating with event organizers to implement health strategies.

The MMR vaccine is widely available at doctors' offices and pharmacies, with health departments providing it at clinics like "Shots for Tots." For further information on obtaining vaccinations, visit the city's immunization webpage.

Vocabulary List:

1. **Contagious** /kən'teɪdʒəs/ (adjective): Easily spread from one person to another usually referring to diseases.
2. **Vaccination** /ˌvæk.sɪ'nei.jən/ (noun): The act of inoculating a person with a vaccine to produce immunity against a disease.
3. **Isolation** /ˌaɪ.sə'leɪ.jən/ (noun): The state of being separate from others often for health reasons.



4. **Exposures** /ɪk'spoʊ.ʒərz/ (noun): Instances of being in a situation where one may contract a disease due to contact with an infected person.
5. **Vigilance** /'vɪdʒ.ɪ.ləns/ (noun): The action or state of keeping careful watch for possible dangers or difficulties.
6. **Herd Immunity** /hɜrd ɪ'mjʊnɪti/ (noun): The resistance to the spread of a contagious disease within a population that results if a sufficiently high proportion of individuals are immune typically through vaccination.

Comprehension Questions

Multiple Choice

1. Which region in Texas has predominantly seen recent measles cases?
Option: South Plains
Option: Austin
Option: West Texas
Option: Gulf Coast
2. What is the effectiveness of the MMR vaccine for two doses according to the text?
Option: 80%
Option: 93%
Option: 97%
Option: 100%
3. For how long can the measles virus remain airborne after an infected person has left?
Option: 30 minutes
Option: 1 hour
Option: 2 hours
Option: 5 hours
4. What is the vaccination rate for MMR among Travis County kindergarteners?
Option: 85%
Option: 90%
Option: 93%
Option: 97%
5. Which event around the corner is causing concerns about potential measles spread?
Option: Thanksgiving Parade
Option: State Fair



Option: South by Southwest (SXSW)

Option: Summer Music Festival

6. Where can the MMR vaccine be obtained according to the text?

Option: Schools

Option: Restaurants

Option: Pharmacies

Option: Clothing Stores

True-False

7. The recent measles case in Austin involved an infant who contracted the disease domestically.

8. The MMR vaccine is essential for protection against measles according to health authorities.

9. The measles virus is not highly contagious according to the information provided.

10. There is currently an outbreak of measles in Austin according to local officials.

11. The MMR vaccine is available at clinics like "Shots for Tots."

12. Travis County is not making any efforts to increase the MMR vaccination rate.

Gap-Fill

13. The South Plains outbreak reported _____ cases by February 28.

14. The MMR vaccine is effective at _____ for one dose according to the text.

15. Local officials in Austin reiterate that there is no measles _____ in the city.

16. The health department is collaborating with event organizers to implement _____ strategies for South by Southwest (SXSW).

17. For further information on obtaining vaccinations, visit the city's immunization _____.



18. Travis County is aiming to increase the MMR vaccination rate to achieve _____ immunity.

Answer

Multiple Choice: 1. South Plains 2. 97% 3. 2 hours 4. 90% 5. South by Southwest (SXSW) 6. Pharmacies

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

Gap-Fill: 13. 146 14. 93% 15. outbreak 16. health 17. webpage 18. herd

Vocabulary quizzes

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

1. Which compound is commonly used in skincare products for its moisturizing properties?

Option: Intoxication

Option: Hypoglycemia

Option: Glycerol

Option: Peptide

2. What is the medical procedure called to administer a vaccine?

Option: Outbreak

Option: Exposures

Option: Herd Immunity

Option: Vaccinate

3. Which process in the body converts food and drinks into energy?

Option: Alleviating

Option: Metabolism

Option: Affliction

Option: Recommending

4. Which term is used to describe unintended or harmful effects of a medication or treatment?

Option: Abundant

Option: Critical

Option: Adverse

Option: Mitigates

5. What type of drugs mimic the action of naturally occurring substances such as hormones?



- Option: Agonists
- Option: Peptide
- Option: Stimulating
- Option: Vigilant

6. What is the body's ability to resist a particular pathogen or toxin?

- Option: Contagious
- Option: Immunity
- Option: Isolation
- Option: Exposures

7. Which term describes something that is widespread or common in a particular area or among a particular group?

- Option: Confirmed
- Option: Critical
- Option: Prevalent
- Option: Outbreak

8. What term is used to describe someone who has regained their health after an illness or injury?

- Option: Hospitalization
- Option: Confirmed
- Option: Recuperated
- Option: Vaccination

9. What quality is needed to actively watch for possible danger or difficulties?

- Option: Vigilance
- Option: Herd Immunity
- Option: Intoxication
- Option: Alleviating

10. Which term describes a sudden increase in the occurrence of a disease in a specific time and place?

- Option: Abundant
- Option: Vaccination
- Option: Isolation
- Option: Outbreak

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

11. _____ refers to the state of being poisoned by a substance.

12. Severe cases of the illness may require _____ for proper treatment.

13. Low blood sugar levels can lead to _____ causing symptoms like dizziness and



confusion.

14. A _____ is a short chain of amino acids that can serve as a building block for proteins.

15. Cancer is a serious _____ that can have a significant impact on a person's life.

16. Once the diagnosis was _____ the appropriate treatment plan could be implemented.

17. Painkillers are often used for _____ discomfort and reducing pain.

18. Regular exercise and a healthy diet can help prevent disease and _____ its effects.

19. Doctors may be responsible for _____ appropriate treatments based on a patient's condition.

20. In tropical regions fresh fruit is _____ throughout the year due to the favorable climate.

21. Healthcare workers face multiple _____ to infectious diseases in their line of work.

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

22. Measles is a highly disease that can spread rapidly among unvaccinated individuals.
23. Constant is necessary to prevent security breaches in sensitive information systems.
24. When a large portion of a community is vaccinated it provides protecting those who cannot be immunized.
25. The process of administering a vaccine to stimulate the immune system is known as .
26. Patients with highly contagious diseases are often placed in to prevent the spread of the illness.
27. The patient's condition was requiring immediate intervention and monitoring.
28. The sudden of flu cases in the region prompted public health officials to issue warnings.



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| 29. plays a crucial role in protecting vulnerable populations from infectious diseases by limiting transmission. |
| 30. Pain relief medications focus on symptoms of discomfort to improve a patient's quality of life. |
| 31. After a period of rest and treatment the patient from the illness and was able to return to normal activities. |

Answer

Multiple Choice: 1. Glycerol 2. Vaccinate 3. Metabolism 4. Adverse 5. Stimulating 6. Immunity 7. Prevalent 8. Recuperated 9. Vigilance 10. Outbreak

Gap-Fill: 11. Intoxication 12. Hospitalization 13. Hypoglycemia 14. Peptide 15. Affliction 16. Confirmed 17. Alleviating 18. Mitigates 19. Recommending 20. Abundant 21. Exposures

Matching sentence: 1. Contagious 2. Vigilance 3. Herd Immunity 4. Vaccination 5. Isolation 6. Critical 7. Outbreak 8. Herd Immunity 9. Alleviating 10. Recuperated

CATEGORY

1. Health - LEVEL4

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