



Here is a compilation of potential exposure locations.

Description

Health Update: Second Measles Case in Michigan since 2019 Outbreak

WAYNE COUNTY, Mich. — The health sphere in Michigan is currently under a state of heightened alert as the authorities indicate the emergence of the state's second measles case since the significant 2019 outbreak. This confirmed case, announced on Sunday, March 3, 2024, has been linked to international travel and is attributed to an adult resident of Wayne County, distinct from the previously reported case found in an Oakland County child.

Measles, a highly infectious disease spawned by a virus, can effortlessly propagate via direct person-to-person contact as well as through the air. Astoundingly, the manifold measles virus has the ability to survive in the atmosphere for approximately two hours prior to losing its virility.

Consequently, health authorities are rigorously attempting to identify any individuals who might have been exposed to the virus through this reported case. Susceptible individuals, particularly those who were present at certain Wayne County locations at specific times, those who are not fully vaccinated, or those who have not been formerly contacted by health authorities, are urged to reach out to ascertain additional information concerning potential exposure.

Potential Measles Exposure Locations include:

- WellStreet/Beaumont Urgent Care, Dearborn: Feb 27, 2 p.m.-5:30 p.m.
- CVS Pharmacy, Dearborn: Feb 27, 4 p.m.-6:30 p.m.
- Henry Ford GoHealth Urgent Care, Dearborn Heights: Feb 29, 11:30 a.m.-4 p.m.
- Corewell Emergency Department, Dearborn: Feb 29, 3 p.m.-8 p.m.

Notably, anyone who falls under these criteria is being urged to swiftly connect with The Wayne County Health Department. There is already a significant outreach to those who have possibly been exposed to observe and monitor for symptoms up to 21 days from the exposure date.

On February 23, 2024, a similar situation unfolded when a case of measles was confirmed in a child from Oakland County that may have originated from an international source. However, officers do not believe there was any risk of exposure outside the child's immediate environment.

The last bout of measles in Michigan occurred during the sweeping 2019 outbreak, when the state documented a staggering 46 cases. Alarmingly, 90% of unvaccinated individuals who are exposed to measles tend to contract the disease. It's notable that measles has the potential to precipitate severe health complications, primarily in children under five years old, with a shocking one in five affected individuals in the U.S. needing to be hospitalized.



Exclusive of Michigan's recent case, there have been 41 reported measles cases this year in 15 other states. Therefore, safeguarding oneself through vaccination is the optimal defense against potential outbreaks of infectious diseases such as measles and it remains paramount for families to keep their routine vaccines up-to-date to prevent the dissemination of severe illnesses.

Health officials adamantly endorse the effectiveness of the measles vaccine, citing the CDC that two doses of the vaccine are approximately 97% effective at preventing measles if one is exposed to the virus. Unvaccinated individuals exposed to the virus still have a window of 72 hours post-exposure to receive the measles vaccine in order to mitigate their risk of developing the disease.

In essence, the vitality of vaccinations cannot be overstated, with vaccines playing a cardinal role in staving off potential outbreaks of diseases such as measles. As Dr. Natasha Bagdasarian, a prominent medical executive said, "It is important to make sure our families are up-to-date on all routine vaccines... Now is a great time to check with your health care provider to make sure you are current with all your vaccines."

Consequently, following vaccination updates and adhering to preventative measures is undeniably essential in managing and preventing such outbreaks in the future.

As seen in 2019, a lack of vaccination can lead to widespread outbreaks; that year, 46 measles cases were confirmed in Michigan. In the same year, 1,274 measles instances were documented across 31 states. A visible escalation from 13 cases in 2020 shows the necessity for stringent vaccination procedures.

Vaccination statuses for those vaccinated in Michigan can be checked from the immunization portal. Providing a safe and healthy environment will always be a top priority. Each vaccination contributes significantly to achieving this aim.

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Vocabulary List:

1. **Heightened** // (adjective): Made higher or more intense
2. **Rigorously** // (adverb): In a thorough and accurate manner
3. **Astoundingly** // (adverb): In a surprising or impressive manner
4. **Mitigate** // (verb): To make less severe, serious or painful
5. **Precipitate** // (verb): To cause something to happen suddenly or unexpectedly
6. **Stave off** // (phrasal verb): To prevent something unpleasant from affecting or harming you for a period of time

Vocabulary quizzes

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

1. Which word means elevated or increased?
Option: A) Rigorously
Option: B) Astoundingly
Option: C) Heightened
Option: D) Mitigate
2. What term is used to describe a specific instruction or order?
Option: A) Susceptible
Option: B) Inoculated
Option: C) Stave off
Option: D) Directive
3. Which word means causing great harm or damage?
Option: A) Boosting
Option: B) Mitigating
Option: C) Devastating
Option: D) Staggering
4. Which term is commonly used for addiction or dependency on substances?
Option: A) Therapy
Option: B) Positive therapeutic change



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- Option: C) Substance Use Disorders
Option: D) Absenteeism
5. What is the term for a significant increase in opioid-related problems in a particular area?
Option: A) Coping Skills
Option: B) Cancellation
Option: C) Opioid Crisis
Option: D) Staggering
6. Which term refers to increasing or improving something?
Option: A) Boosting
Option: B) Mitigating
Option: C) Community
Option: D) Therapy
7. What term describes a systematic investigation or analysis of a subject?
Option: A) Urgency
Option: B) Boosting
Option: C) Study
Option: D) Mitigating
8. Which term is related to mental processes like thinking learning and memory?
Option: A) Intelligence
Option: B) Cognitive
Option: C) Scientists
Option: D) Participants
9. Who are the individuals involved in a research study or program?
Option: A) Implications
Option: B) Participants
Option: C) Urgency
Option: D) Boosting
10. Which term signifies the need for immediate action or attention?
Option: A) Positive therapeutic change
Option: B) Urgency
Option: C) Substance Use Disorders
Option: D) Combating

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



11. Effective planning _____ the risks associated with the project.
12. Regular exercise can help _____ many health problems.
13. Taking vitamin C supplements can assist in _____ the immune system.
14. Education plays a vital role in _____ ignorance and promoting understanding.
15. Early detection of the disease is crucial for _____ its effects.
16. Problem-solving skills are central to demonstrating high levels of _____.
17. Mark's frequent _____ from work raised concerns about his commitment.
18. Therapists often teach clients various _____ to manage stress effectively.
19. The sudden _____ of the flight left passengers stranded at the airport.
20. The research team conducted a detailed _____ to analyze the impact of social media on youth.

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

21. The magician performed tricks that left the audience amazed and shocked.
22. Children are more vulnerable to catching colds due to their weaker immune systems.
23. The entire population was given the vaccine to protect them from the virus.
24. The local residents came together to organize a charity event for the homeless.
25. Individuals with anxiety disorders often benefit from cognitive behavioral therapy.
26. The counseling sessions helped the patient make significant improvements in their mental health.
27. The company implemented a policy to reduce the number of employee absences.
28. The research project involved a team of experts in the field working together to find a solution.
29. The implications of climate change are far-reaching and require immediate action.



30. The amount of support received for the charity event was beyond what anyone had expected.

Answer

Multiple Choice: 1. C) Heightened 2. D) Directive 3. C) Devastating 4. C) Substance Use Disorders 5. C) Opioid Crisis 6. A) Boosting 7. C) Study 8. B) Cognitive 9. B) Participants 10. B) Urgency

Gap-Fill: 11. Mitigated 12. Stave off 13. Boosting 14. Combating 15. Reversing 16. Intelligence 17. Absence 18. Coping Skills 19. Cancellation 20. Study

Matching sentence: 1. Astoundingly 2. Susceptible 3. Inoculated 4. Community 5. Therapy 6. Positive therapeutic change 7. Absenteeism 8. Scientists 9. Implications 10. Staggering

CATEGORY

1. Health - LEVEL4

Date Created

2024/03/04

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