



Public Health Advisory

3/19/2024

Increase in global and domestic measles cases and outbreaks: recommend vaccination and to stay alert for local cases

SITUATIONAL AWARENESS SUMMARY

- The CDC released a Health Advisory on March 18, 2024 to call to attention the increase in global and U.S. cases of measles and to provide guidance on vaccination.
- Measles is highly contagious and a person with measles can infect 9 out of 10 unvaccinated close contacts.
- The Health District is strongly recommending early vaccination for all international travelers aged ≥ 6 months and all children aged ≥ 12 months who do not plan to travel internationally.
- While there have been no local measles cases reported since 2018, the Health District is strongly advising providers to stay alert for possible measles cases when patients present with cough, coryza, conjunctivitis, fever, or a rash.

The Southern Nevada Health District recommends that all providers:

- ✓ **CONSIDER:** Consider measles for any patients with:
 - Febrile rash with other symptoms consistent with measles (cough, coryza, conjunctivitis),
 - Recent travel to a country with a [measles outbreak](#)
- ✓ **ISOLATE:** Immediately isolate if considering measles (do not allow to remain in the waiting room or other common areas and use standard and airborne precautions)
- ✓ **NOTIFY:** Immediately notify Southern Nevada Health District at 702-759-1300 about any suspected case of measles and do not wait for confirmatory testing.
- ✓ **TEST:** Follow CDC's testing recommendations.
 - Nasopharyngeal or throat swab for RT-PCR testing for rubeola, and
 - Blood test for IgM serology for rubeola
- ✓ **TREAT:** Offer post-exposure prophylaxis to close contacts without evidence of immunity to measles with MMR vaccination within 72 hours from exposure.
- ✓ **VACCINATE:** Make sure all your patients are up-to-date on measles vaccines, especially people 6 months of age or older before international travel, with second dose completion per vaccine schedule attached.

If you have any questions on measles, please contact the Southern Nevada Health District Office of Acute Communicable Disease Control at 702-759-1300.

A handwritten signature in blue ink, appearing to read 'Fermin Leguen', is written over a horizontal line.

Fermin Leguen, MD, MPH
District Health Officer
Southern Nevada Health District

SOURCE: <https://emergency.cdc.gov/han/2024/han00504.asp>

Health Alert: conveys the highest level of importance; warrants immediate action or attention

Health Advisory: provides important information for a specific incident or situation; may not require immediate action

Health Update: provides updated information regarding an incident or situation; unlikely to require immediate action

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Measles Vaccination Schedule:

MMR Vaccination Schedule – without international travel					
	6 months	12 months	15 months	4 years	6 years
MMR		Dose 1		Dose 2	
MMRV*		Dose 1*		Dose 2	

***Note:** For dose 1 in children **age 12–47 months, it is recommended to administer MMR and varicella vaccines separately.** MMRV* may be used if parents or caregivers express a preference.

***Note:** If MMRV is used, the minimum interval between MMRV doses is 3 months

MMR Vaccination Schedule – WITH international travel <12 months of age					
	6 months	12 months	13 months	15 months	6 years
MMR	Dose 1	Dose 2	Dose 3*		
MMRV**	Dose 1	Dose 2		Dose3	

***Note:** 1 dose before departure; revaccinate with 2-dose series at age 12–15 months (12 months for children in high-risk areas) and dose 2 as early as 4 weeks later.

****Note:** If MMRV is used, the minimum interval between MMRV doses is 3 months

MMR Vaccination Schedule – WITH international travel ≥ 12 months of age				
	12 months	13 months	15 months	6 years
MMR	Dose 1	Dose 2		
MMRV	Dose 1		Dose2*	

Note: 2-dose series before departure with dose 2 as early as 4 weeks later.

***Note:** If MMRV is used, the minimum interval between MMRV doses is 3 months

Teenagers and adults with no evidence of immunity	
MMR	One Dose (as soon as possible)
Acceptable evidence of immunity includes at least ONE of the following:	
<ul style="list-style-type: none"> - Documented adequate vaccination, - Laboratory evidence of immunity - Laboratory confirmation of measles - Birth before 1957 	

Note: MMRV maximum age for administration is 12 years.

Detailed guidelines can be found here: <https://www.cdc.gov/measles/vaccination.html>