



# Measles Vaccine Recommendations

Last updated 5/31/19



Live attenuated measles virus vaccine is incorporated into combination measles, mumps, rubella (MMR) and measles, mumps, rubella, and varicella (MMRV) vaccine in the United States.

## MMR Vaccine Routine Recommendations

- Children and Adolescents: 2 doses of MMR vaccine
  - Dose 1: 12–15 months of age
  - Dose 2: 4–6 years of age
- Adults without evidence of immunity\*
  - Most adults need one dose of MMR vaccine if there is no contraindication to vaccination
  - 2 doses of MMR vaccine is recommended for the following high-risk adults:
    - International travelers
    - College or other post-high school students
    - Health care personnel

*\*Presumptive evidence of immunity is documentation of one of the following: receipt of vaccine, lab evidence of immunity (i.e., measles-specific IgG antibody), laboratory confirmation of disease, or birth before 1957.*

## MMR Vaccine Travel Recommendations

### International Travelers

U.S. residents aged 6 months or older who will be traveling internationally should be vaccinated prior to travel according to the following CDC guidance:

- Children aged 6–11 months should receive 1 dose of MMR
  - If vaccinated at age 6–11 months, the child will still need 2 subsequent doses of MMR starting at age >12 months (per the routine childhood schedule)
- Persons aged >12 months without other evidence of immunity should receive 2 doses of MMR<sup>†</sup>
  - Includes providing a 2<sup>nd</sup> dose to children aged 1–4 years
  - Includes adults who have only received one dose of MMR in the past

*†The 2<sup>nd</sup> dose of MMR vaccine should be administered at least 28 days after the 1<sup>st</sup> dose.*

### Domestic Travelers Visiting an Area in the U.S. Affected by a Measles Outbreak

- Clinicians should consider 1 dose of MMR vaccine for infants aged 6–11 months visiting an outbreak area if a recommendation has been made by local public health authorities to vaccinate infant residents and if the visiting infant will have direct contact with the affected community and will be at risk of exposure.
- Clinicians should consider 2 doses of MMR vaccine for persons aged >12 months without other evidence of immunity if such a recommendation has been made for residents by local public health authorities.
- Clinicians should consult with local health authorities for the most up-to-date recommendations.

#### Alaska Immunization Helpline Contact

Anchorage: 907-269-8088 | Toll Free: 888-430-4321 | Email: [immune@alaska.gov](mailto:immune@alaska.gov)