# Extracted Content from https://ndc.services.cdc.gov/case-definitions/rocky-mountain-spotted-fever-1990/

Rocky Mountain Spotted Fever (RMSF) (Rickettsia rickettsii) 1990 Case Definition | CDC  
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Rocky Mountain Spotted Fever (RMSF) (  
Rickettsia rickettsii  
)  
1990 Case Definition  
Rocky Mountain Spotted Fever (RMSF) (  
Rickettsia rickettsii  
)  
1990 Case Definition  
NOTE:  
A surveillance case definition is a set of uniform criteria used to define a disease for public health surveillance. Surveillance case definitions enable public health officials to classify and count cases consistently across reporting jurisdictions. Surveillance case definitions are not intended to be used by healthcare providers for making a clinical diagnosis or determining how to meet an individual patient’s health needs.  
Clinical Description  
An illness most commonly characterized by acute onset and fever, usually accompanied by myalgia, headache, and petechial rash (on the palms and soles in two-thirds of the cases)  
Laboratory Criteria For Diagnosis  
Fourfold or greater rise in antibody titer to the spotted fever group antigen by immunofluorescent antibody (IFA), complement fixation (CF), latex agglutination (LA), microagglutination (MA), or indirect hemagglutination (IHA) test, or a single titer greater than or equal to 64 by IFA or greater than or equal to 16 by CF  
Demonstration of positive immunofluorescence of skin lesion (biopsy) or organ tissue (autopsy)  
Isolation of  
Rickettsia rickettsii  
from clinical specimen  
Case Classification  
Probable  
A clinically compatible case with supportive serology (fourfold rise in titer or a single titer greater than or equal to 320 by Proteus OX-19 or OX-2, or a single titer greater than or equal to 128 by LA, IHA, or MA test)  
Confirmed  
A case that is laboratory confirmed  
Related Case Definition(s)  
Rocky Mountain Spotted Fever (RMSF) (  
Rickettsia rickettsii  
) | 2008 Case Definition  
Rocky Mountain Spotted Fever (RMSF) (  
Rickettsia rickettsii  
) | 2004 Case Definition  
Rocky Mountain Spotted Fever (RMSF) (  
Rickettsia rickettsii  
) | 1996 Case Definition  
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NNDSS receives and shares case data from state, local, and territorial health departments to help public health monitor, control, and prevent serious diseases.  
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