# Extracted Content from https://ndc.services.cdc.gov/case-definitions/viral-hemorrhagic-fever-2011/

Viral Hemorrhagic Fever (VHF) 2011 Case Definition | CDC  
Skip directly to site content  
Skip directly to search  
An official website of the United States government  
Here's how you know  
Official websites use .gov  
A .gov website belongs to an official government organization in the United States.  
Secure .gov websites use HTTPS  
A  
lock  
(  
) or  
https://  
means you've safely connected to the .gov website. Share sensitive information only on official, secure websites.  
National Notifiable Diseases Surveillance System (NNDSS)  
Explore Topics  
Search  
Search  
Clear Input  
For Everyone  
About About National Notifiable Diseases Surveillance System  
What is Case Surveillance?  
Case Surveillance Modernization  
Infectious Disease Tables  
Non-Infectious Disease Data  
Technical Resource Center  
Case Surveillance in Action  
Contact Us  
View all  
Related Topics:  
NDC Application  
View All  
search  
close search  
search  
National Notifiable Diseases Surveillance System (NNDSS)  
Menu  
Close  
search  
For Everyone  
About About National Notifiable Diseases Surveillance System  
What is Case Surveillance?  
Case Surveillance Modernization  
Infectious Disease Tables  
Non-Infectious Disease Data  
Technical Resource Center  
Case Surveillance in Action  
Contact Us  
View All  
Related Topics  
NDC Application  
View All  
National Notifiable Diseases Surveillance System (NNDSS)  
About About National Notifiable Diseases Surveillance System  
What is Case Surveillance?  
Case Surveillance Modernization  
Infectious Disease Tables  
Non-Infectious Disease Data  
Technical Resource Center  
Case Surveillance in Action  
Contact Us  
View All  
April 16, 2021  
Case Definitions  
Message Mapping Guides  
Supporting Documents for Implementation  
Event Codes & Other Surveillance Resources  
Viral Hemorrhagic Fever (VHF)  
2011 Case Definition  
Viral Hemorrhagic Fever (VHF)  
2011 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.  
CSTE Position Statement(s)  
10-ID-19  
Subtype(s)  
Crimean-Congo hemorrhagic fever virus  
Ebola virus  
Lassa virus  
Lujo virus  
Marburg virus  
New World arenavirus – Guanarito virus  
New World arenavirus – Junin virus  
New World arenavirus – Machupo virus  
New World arenavirus – Sabia virus  
Background  
New World arenaviruses include: Guanarito, Machupo, Junin, Sabia viruses.  
Clinical Criteria  
An illness with acute onset with ALL of the following clinical findings:  
A fever >40°C  
One or more of the following clinical findings:  
Severe headache  
Muscle pain  
Erythematous maculopapular rash on the trunk with fine desquamation 3–4 days after rash onset  
Vomiting  
Diarrhea  
Pharyngitis (arenavirus only)  
Abdominal pain  
Bleeding not related to injury  
Retrosternal chest pain (arenavirus only)  
Proteinuria (arenavirus only)  
Thrombocytopenia  
Laboratory Criteria For Diagnosis  
One or more of the following laboratory findings:  
Detection of viral hemorrhagic fever (VHF) viral antigens in blood by enzyme-linked Immunosorbent Assay (ELISA) antigen detection  
VHF viral isolation in cell culture for blood or tissues  
Detection of VHF-specific genetic sequence by Reverse Transcription-Polymerase Chain Reaction (RT-PCR) from blood or tissues  
Detection of VHF viral antigens in tissues by immunohistochemistry  
Epidemiologic Linkage  
One or more of the following exposures within the 3 weeks before onset of symptoms:  
Contact with blood or other body fluids of a patient with VHF  
Residence in—or travel to—a VHF endemic area  
Work in a laboratory that handles VHF specimens  
Work in a laboratory that handles bats, rodents, or primates from endemic areas  
Exposure to semen from a confirmed acute or convalescent case of VHF within the 10 weeks of that person's onset of symptoms  
Case Classification  
Suspected  
Case meets the clinical and epidemiologic linkage criteria.  
Confirmed  
Case meets the clinical and laboratory criteria.  
Comments  
VHF refers to viral hemorrhagic fever caused by either Ebola, Lassa, Lujo, or Marburg virus, a New World arenavirus, or Crimean-Congo hemorrhagic fever.  
Related Case Definition(s)  
Viral Hemorrhagic Fever (VHF) | 2025 Case Definition  
Viral Hemorrhagic Fever (VHF) | 2022 Case Definition  
Viral Hemorrhagic Fever (VHF) | 2010 Case Definition  
Back to Top  
Sources  
Print  
Share  
Facebook  
LinkedIn  
Twitter  
Syndicate  
Content Source:  
Case Definitions  
Message Mapping Guides  
Supporting Documents for Implementation  
Event Codes & Other Surveillance Resources  
National Notifiable Diseases Surveillance System (NNDSS)  
NNDSS receives and shares case data from state, local, and territorial health departments to help public health monitor, control, and prevent serious diseases.  
View All  
About About National Notifiable Diseases Surveillance System  
What is Case Surveillance?  
Case Surveillance Modernization  
Infectious Disease Tables  
Non-Infectious Disease Data  
Technical Resource Center  
Case Surveillance in Action  
Contact Us  
View All  
Sign up for Email Updates  
Contact CDC  
Organization  
Policies  
Web Policies  
Languages  
Languages  
Español  
Language Assistance  
Archive  
CDC Archive  
Public Health Publications  
Contact Us  
About CDC  
Organization  
Policies  
Web Policies  
Languages  
Languages  
Español  
Language Assistance  
Archive  
CDC Archive  
Public Health Publications  
HHS.gov  
USA.gov