VIRAL HAEMORRHAGIC FEVER

Refer to the latest Communicable Disease Control Manual (Ministry of Health publication) for clinical descriptions, laboratory confirmation criteria and case classifications. In the event of an overseas outbreak, such as the 2014 Ebola virus disease outbreak, the Ministry of Health may update these criteria. Refer to the latest disease-specific updates on the Ministry of Health website.

A list of diseases recorded on the viral haemorrhagic fever case report form is provided in the appendix. Note that dengue haemorrhagic fever and yellow fever should be reported on the arboviral disease form.

Disease name

Disease	Select the name of the disease from the list of options provided. Refer to the appendix for a list of the main viral haemorrhagic fevers to be recorded on this form.

Basis of diagnosis

Clinical criteria	
Fits clinical description	Select the 'Yes' option if the case fits the clinical description. Refer to the viral haemorrhagic fever section of the Communicable Disease Control Manual or Ministry of Health updates for relevant clinical descriptions. If not known or unavailable then select the 'Unknown' option.
Laboratory criteria	
Laboratory confirmation of disease	Indicate the status of laboratory confirmation. If the laboratory test results were positive select the 'Yes' option, if negative select the 'No' option. If no laboratory tests were carried out, select 'Not Done'. If the results of the laboratory test are not yet available, select 'Awaiting results'. Refer to the viral haemorrhagic fever section of the Communicable Disease Control Manual or Ministry of Health updates for laboratory confirmation criteria.
Laboratory results	If the disease was laboratory confirmed, indicate the status for each laboratory testing method. If the laboratory test results were positive select the 'Yes' option, if negative select the 'No' option. If any of the laboratory tests were not carried out, select 'Not Done'. If the results of the laboratory test are not yet available, select 'Awaiting results'. Specify any other tests that were carried out but are not listed
Epidemiological criteria	
Contact with probable or confirmed case	Indicate whether the case had contact with a probable or confirmed case of the specified disease. If not known or unavailable then select the 'Unknown' option.

Classification

Classification	**Under investigation -** A case that has been notified, but information is not yet available to classify it as probable or confirmed. **Suspect / Probable / Confirmed –** Refer to the viral haemorrhagic fever section of the Communicable Disease Control Manual or Ministry of Health updates for the current suspect, probable and confirmed case classifications. **Not a case -** A case that has been investigated and subsequently found not to meet the case definition.

Risk factors

Overseas travel	Indicate whether the case was overseas during the incubation period for the disease. Refer to the viral haemorrhagic fever section of the Communicable Disease Control Manual or Ministry of Health updates for the incubation period for the disease. If not known or unavailable then select the 'Unknown' option. If 'Yes', record the date of arrival in New Zealand. List the countries/regions visited (up to three) from the most recent to the least recent. Record date of entry and departure for each country/region.
Exposure to caves or mines overseas	If the case was overseas during the incubation period, indicate whether the case visited or worked in caves or mines while overseas. If yes, give details of the exposure. If not known or unavailable then select the 'Unknown' option.
Exposure to animal reservoir overseas	If the case was overseas during the incubation period, indicate whether the case had contact with an animal reservoir for the disease (including mosquitoes or ticks) while overseas. Refer to the viral haemorrhagic fever section of the Communicable Disease Control Manual or Ministry of Health updates for information on animal reservoirs for the disease. If yes, give details of the exposure. If not known or unavailable then select the 'Unknown' option.
Consumed meat or animal products overseas	If the case was overseas during the incubation period, indicate whether the case visited handled or consumed meat or animal products, including unpasteurised milk, while overseas. If yes, give details of the exposure. If not known or unavailable then select the 'Unknown' option.
Exposure to body fluids / blood / tissue	Indicate whether the case was potentially exposed to body fluids, blood or tissue from a confirmed, probable or suspect case during the incubation period for the disease. Refer to the viral haemorrhagic fever section of the Communicable Disease Control Manual for the incubation period for the disease. If 'Yes', indicate whether the case was exposed for each type of exposure listed. If not known or unavailable then select the 'Unknown' option. If occupational exposure occurred provide details. Specify any other exposure to body fluids / blood / tissue that occurred but is not listed e.g. having been breastfed by a case
Other risk factor	Specify any other risk factor(s) under surveillance for the disease if they were present.

Protective Factors

Immunisation	Indicate whether the case had been immunised with the appropriate vaccine **at any time before** becoming ill. If 'Yes', specify the date of the last vaccination and indicate the source of the information - patient/caregiver or documented evidence. If there is no vaccine for the disease, select the 'NA' option. If not known or unavailable then select the 'Unknown' option.

Management

Case management	
Exclusion from work or school/pre-school/childcare	Indicate whether the case was excluded from work or school/pre-school/childcare for an appropriate period. Refer to the viral haemorrhagic fever section of the Communicable Disease Control Manual or Ministry of Health updates for the exclusion period for the disease. If the case does not attend work or school/pre-school/childcare, select the 'NA' (not applicable) option. If not known or unavailable then select the 'Unknown' option.
Infection control advice	Indicate whether the case was given appropriate infection control advice. If there is no specific infection control advice, for example if the case was reported outside the infectious period, select the 'NA' (not applicable) option. If not known or unavailable then select the 'Unknown' option.
Contact management	
Flight number/s	Indicate the international flight numbers if the case was infectious while on board. List flight numbers from the most recent to least recent flight.
Attendance at school/pre-school/childcare	Indicate whether the case attends school, pre-school or childcare. If not known or unavailable then select the 'Unknown' option.
Lives or works in an institution	Indicate whether the case lives or works in an institution e.g. prison, boarding hostel etc. If not known or unavailable then select the 'Unknown' option. If yes, provide the name and location of the institution.
Number of contacts identified	Indicate the number of contacts who were identified (if applicable)
Number of contacts followed up	Indicate the number of contacts who were followed up according to national or local protocols for the disease (if applicable).

Appendix

A list of the main viral haemorrhagic fevers to be recorded on the viral haemorrhagic fevers case report from is provided below. Note that dengue haemorrhagic fever and yellow fever should be reported on the arboviral disease form. For further information refer to the viral haemorrhagic fever section of the Communicable Disease Control Manual.

Diseases to be reported on viral haemorrhagic fever form
Crimean-Congo haemorrhagic fever
Ebola virus disease
Haemorrhagic fever with renal syndrome
Hantavirus pulmonary syndrome
Lassa fever
Marburg virus