



Monkeypox Surveillance System Questionnaire

Individual questionnaire

This questionnaire is designed to collect data obtained from key stakeholders of the mpox surveillance system in Cameroon. Data are be collected prospectively and will be used to describe the surveillance system features in Cameroon and conduct a response.

Section 1: Identifiers and Personal Information

1. Interview Date:...../...../.....(dd/mm/year)
2. Interviewer Name/Code_____
3. Individual's study identification number_____
4. Region: _____
5. Surveillance System Level: ☐ **National** ☐ **Regional** ☐ **District**
6. Health district/Health area: _____/_____
7. Hospital/Health Facility/ name:_____

Section 2: Personal Information

1. Name:_____
2. Position:_____
3. Gender: ☐ **Female** ☐ **Male** Phone number: _____
4. Date of birth:/...../..... (dd/mm/year) optional Age (in Years) _____
5. Occupation: ☐ **Medical Doctor** ☐ **Nurse** ☐ **Lab-technician**
☐ **Administrative** ☐ **Community Health Worker** ☐ **Other**
6. Institution Name: _____
7. Type of Institution: _____
8. For how Long have you been involved in public health surveillance system?
☐ **1yr** ☐ **2yrs** ☐ **5yrs** ☐ **10yrs** ☐ **>10yrs**
9. For how Long have you been involved in the mpox surveillance system?
☐ **1yr** ☐ **2yrs** ☐ **5yrs** ☐ **10yrs** ☐ **>10yrs**
10. What is your role in the mpox surveillance system?
☐ **Notification** ☐ **Diagnosis** ☐ **Investigation** ☐ **Management**
☐ **Other/Details** _____
11. Level of education: ☐ **Tertiary** ☐ **Secondary** ☐ **Primary** ☐ **No formal education**

Section 3: Mpox Surveillance System Indicators

Usefulness

1. Is the mpox surveillance system useful? ☐ Yes ☐ No ☐ Do Not Know
2. Does the Mpox surveillance system meet its goals? ☐ Yes ☐ No ☐ Do Not Know

Potential mpox surveillance system's goals (thick the right boxes)

- ☐ Case identification ☐ Case reporting
- ☐ Sample collection ☐ Case confirmation
- ☐ Response/Ripost ☐ Other _____

3. Are all mpox cases notified?
- ☐ Yes ☐ No ☐ Do Not Know

If No, why? _____

4. Is the mpox surveillance system able to provide information regarding disease incidence / prevalence? ☐ Yes ☐ No ☐ Do Not Know

If No, tell us more? _____

5. Is there an action/outbreak threshold for mpox? ☐ Yes ☐ No ☐ Do Not Know

If No, tell us more? _____

6. Are you aware of any decision driven from mpox surveillance data? ☐ Yes ☐ No

If No, tell us more _____

7. Are you aware of any decision implemented from mpox surveillance data? ☐ Yes ☐ No

If No, tell us more _____

8. Are you aware of any policy developed from mpox surveillance data? ☐ Yes ☐ No

If No, tell us more _____

9. Additional comments about the mpox surveillance system's usefulness

Simplicity

10. Is the mpox surveillance system simple? ☐ Yes ☐ No ☐ Do Not Know

11. Do you know is the mpox case definition in use in Cameroon?

☐ Yes ☐ No ☐ Do Not Know

If No, tell us more _____

12. Is the case definition simple? ☐ Yes ☐ No ☐ Do Not Know
If No, tell us more _____
-
13. Is it easy to complete the mpox notification forms? ☐ Yes ☐ No ☐ Do Not Know
If No, tell us more _____
-
14. Do you know the next stakeholder to share mpox surveillance data with? ☐ Yes ☐ No
If Yes, give the name of the stakeholder _____
If No, tell us more _____
-
15. Who is providing you with mpox surveillance tools?
☐ Health facility ☐ District ☐ Region ☐ Laboratory ☐ National ☐ Do not know
16. How often do you send mpox surveillance data?
☐ Daily ☐ Weekly ☐ Monthly ☐ Yearly ☐ Necessarily
17. Are surveillance tool always available? ☐ Yes ☐ No ☐ Do Not Know
If No, tell us more _____
-
18. What is the mpox sample collection and transportation process?

-
19. Is the sample collection and transportation process simple? ☐ Yes ☐ No ☐ Do Not Know
If No, tell us more _____
-
20. What is the mpox data dissemination process?

-
21. Is the mpox data dissemination process simple? ☐ Yes ☐ No ☐ Do Not Know
If No, tell us more _____
-
22. How do you send reports?
☐ Email ☐ Fax ☐ Electronic App
☐ Courier ☐ Newsletter ☐ Hand submission
☐ Phone Call ☐ Do Not Know ☐ other _____
23. Is the reporting process simple? ☐ Yes ☐ No ☐ Do Not Know
If No, tell us more _____
-
24. Do you usually provide/get feedback to other stakeholders? ☐ Yes ☐ No
If yes, how often? ☐ Daily ☐ Weekly ☐ Monthly ☐ Yearly ☐ Necessarily
If No, tell us more _____
-
25. Do you usually send mpox surveillance challenges report? ☐ Yes ☐ No
If yes, how often? ☐ Daily ☐ Weekly ☐ Monthly ☐ Yearly ☐ Necessarily

If No, tell us more _____

26. Is the mpox surveillance system sustainable? ☐ Yes ☐ No ☐ Do Not Know

If No, tell us more _____

27. Additional comments about the mpox surveillance system's simplicity

Section 4: Additional Details

Narrative details regarding the mpox surveillance system in Cameroon

1. Please comment any additional details regarding the mpox surveillance system in Cameroon.

[illegible]

Thank you

Thank you for your time. This information will be used to assess the mpox surveillance system in Cameroon and help prevent future illnesses caused by mpox virus. Please note that another investigator may contact you again to ask additional questions if it is identified that there is important information missing out in our study.

Confirmed Case	A person who is laboratory confirmed for monkeypox virus by detection of unique sequences of viral DNA either by nucleic acid amplification test (NAAT) (e.g. real-time polymerase chain reaction [PCR]) and/or sequencing.
Probable Case	A person who meets the criteria in 1, 2, OR 3: 1. a. Presents with an unexplained^[1] acute rash or lesion(s)^[2] AND b. Meets at least one of the following within the 21 days before their symptom onset: ▪ Has an epidemiological link to a probable or confirmed monkeypox case, such as a high-risk exposure ▪ Has an epidemiological link to a location/event where transmission of monkeypox is suspected or known to have occurred ▪ Has a relevant zoonotic exposure AND c. Monkeypox virus has not been ruled out by an <i>Orthopoxvirus</i> or monkeypox virus NAAT result 2. a. Presents with an unexplained^[1] acute rash or lesion(s)^[2] AND b. Has an indeterminate <i>Orthopoxvirus</i> or monkeypox virus NAAT result 3. a. Has a positive <i>Orthopoxvirus</i> NAAT result AND b. Is pending a confirmatory monkeypox virus NAAT result
Suspect Case	A person in whom monkeypox virus has not been ruled out by an <i>Orthopoxvirus</i> or monkeypox virus NAAT result and meets the criteria in 1 OR 2: 1. a. An unexplained^[1] acute rash^[2] AND b. Has at least one of the following signs or symptoms: Fever, Chills and/or sweats, Lymphadenopathy (swollen lymph nodes), Headache, Myalgia (muscle/body aches, back pain), Sore throat, Cough, Coryza, Prostration or asthenia (profound weakness) 2. An unexplained^[1] acute genital, perianal, or oral lesion(s)
Person Under Investigation (PUI)	A person with a pending <i>Orthopoxvirus</i> or monkeypox virus NAAT results AND Does not meet criteria for a suspect, probable, or confirmed case of monkeypox

^[1] Common causes of an acute illness associated with rash are enteroviruses including coxsackieviruses (e.g. hand-foot-and-mouth disease), varicella zoster, herpes zoster, measles, herpes simplex, syphilis, chancroid, lymphogranuloma venereum.

^[2] Monkeypox illness presentation includes a progressively developing rash that usually starts on the face and then spreads elsewhere on the body. The rash can also affect the mucous membranes in the mouth, tongue, and genitalia. The rash may affect the palms of the hands and soles of the feet. The rash can last for 2–4 weeks and progresses through the following stages: macules, papules, vesicles, pustules, and scabs (crusts). There are case reports from North America of an atypical monkeypox illness presentation starting with genital, perianal, or oral rash/lesion(s) which may precede other typical signs and symptoms of monkeypox virus.