



## SITUATION REPORT ON THE MONKEYPOX OUTBREAK

Date of the 1st confirmed case: 25 July 2024 SITREP N° 0114 Written and Published on November 18 - 2024

### I. EPIDEMIOLOGICAL SITUATION: KEY FIGURES

| ELEMENTS CLES  | Staff |
|--|-------|
| Number of confirmed cases of the day (on 18/11/2024)                   | 33    |
| Cumulative confirmed cases   | 2083  |
| Number of deaths of the day (18/11/2024)                               | 0     |
| Cumulative deaths  | 1     |
| Number of suspected cases of the day (on 18/11/2024)                   | 55    |
| Cumulative number of suspected cases                                   | 4252  |
| Number of today's warnings (on 18/11/2024)                             | 60    |
| Cumulative alerts  | 4934  |
| Number of active (hospitalized) cases of the day (18/11/2024)          | 33    |
| Number of recovered patients discharged during the day (on 18/11/2024) | 23    |
| Cumulative number of healed persons discharged                         | 1108  |
| Cumulative active cases (hospitalized)                                 | 975   |
| Number of new contacts traced of the day (18/11/2024)                  | 130   |
| Cumulative traced contacts   | 10195 |
| Number of tests carried out today (on 18/11/2024)                      | 82    |
| Cumulative tests carried out   | 4417  |
| Overall positivity rate  | 47.2% |
| Number of new health districts affected by the day                     | 1     |
| Cumulative number of health districts affected                         | 45    |
| Number of active health districts                                      | 29    |
| Proportion of active health districts                                  | 69.0  |

### II. Highlights

- The new health district affected: DS NGOZI;
- Deployment of the mobile laboratory at the Gitega Regional Hospital;
- Deployment of the mobile laboratory at the Kamenge District Hospital.

### III. Epidemiological context of Burundi

- Mpox (monkeypox) is a viral disease caused by simian orthopoxvirus, with two clades (I and II). The 2022-2024 epidemic has affected more than 120 countries, causing more than 100,000 cases and 1000 death. In 2024, an upsurge in Africa, particularly in the Democratic Republic of Congo, involves two distinct epidemics (clades Ia and Ib). Clade Ib has spread to neighbouring countries in particular Burundi, Kenya, Rwanda and Uganda. On August 14, the World Health Organization (WHO) Mpox has been declared a Public Health Emergency of International Concern (PHEIC). One day previously, the Africa CDC classified it as a Continental Public Health Emergency (PHECS). The Transmission occurs primarily through close human-to-human contact, including sexual contact.
- Africa remains the most affected continent, with more than 15 countries affected. The DRC is particularly impacted, accounting for about 85% of cases and 80% of deaths reported in the region as a whole Africa.
- In Burundi, the first case of Mpox was reported on 25 July 2024, identified as belonging to the clade Ib and related to the epidemic in the DRC.

### IV. Epidemiological evolution

#### 1. Notification of suspected cases:

**Table 1: Distribution of suspected cases by health district as of 18-November-2024**

| N° | Health District Investigated | Total Alerts Validated and<br>Investigated Observations<br>17/11/2024 | 18/11/2024 | to 18/11/2024 |    | Collected |   |
|----|------------------------------|---|------------|---------------|----|-----------|---|
| 1  | Bears                        | 1   | 0          | 1             | 0  | 0         | To investigate                            |
| 2  | Disclaimer                   | 2   | 0          | 2             | 0  | 0         | To investigate                            |
| 3  | Nyabikere                    | 4   | 4          | 8             | 0  | 0         | To investigate                            |
| 4  | Rutana                       | 6   | 0          | 6             | 0  | 0         | To investigate                            |
| 5  | Bubanza                      | 1   | 0          | 1             | 0  | 0         | To investigate                            |
| 6  | Gashoho                      | 1   | 0          | 1             | 0  | 0         | To investigate                            |
| 7  | Giteranyi                    | 1   | 1          | 2             | 0  | 0         | To investigate                            |
| 8  | Murore                       | 3   | 0          | 3             | 0  | 0         | To be investigated                        |
| 9  | Kibuye                       | 5   | 1          | 6             | 1  | 1         | 1 in isolation and 5<br>Lost to Follow-Up |
| 10 | Matana                       | 1   | 0          | 1             | 0  | 0         | To investigate, 19                        |
| 11 | Bujumbura Nord               | 0   | 20         | 20            | 20 | 19        | in isolation and 1<br>Not validated       |
| 12 | Bujumbura Centre             | 0   | 2          | 2             | 0  | 0         | To investigate                            |
| 13 | Bujumbura Sud                | 0   | 1          | 1             | 0  | 0         | To investigate                            |
| 14 | Mukenken                     | 2   | 0          | 2             | 2  | 2         | 2 in isolation                            |
| 15 | Mutaho                       | 4   | 0          | 4             | 0  | 0         | To investigate                            |
| 16 | Butezi                       | 2   | 0          | 2             | 0  | 0         | To investigate                            |
| 17 | Skin                         | 2   | 0          | 2             | 0  | 0         | To investigate                            |
| 18 | Nyanza-lac                   | 0   | 1          | 1             | 0  | 0         | To investigate                            |

| No.          | Health District | Alerts as of 17/11/2024 | Alerts for 18/11/2024 | Total alerts as of 18/11/2024 | Research  | Validated and collected | Comments                               |
|--------------|-----------------|-------------------------|-----------------------|-------------------------------|-----------|-------------------------|--|
| 19           | Rumonge         | 4                       | 0                     | 4                             | 2         | 2                       | 2 in isolation and 2 lost to follow-up |
| 20           | Gitega          | 6                       | 2                     | 8                             | 2         | 2                       | 2 in isolation                         |
| 21           | Ryansoro        | 5                       | 4                     | 9                             | 9         | 9                       | 9 in solitary confinement              |
| 22           | Bukinanyana     | 1                       | 1                     | 2                             | 0         | 0                       | To investigate                         |
| 23           | Screams         | 3                       | 0                     | 3                             | 0         | 0                       | To investigate                         |
| 24           | Gisuru          | 1                       | 0                     | 1                             | 0         | 0                       | To investigate                         |
| 25           | Musema          | 3                       | 0                     | 3                             | 0         | 0                       | To investigate                         |
| 26           | Kirundo         | 2                       | 0                     | 2                             | 2         | 2                       | 2 in isolation                         |
| 27           | Isare           | 0                       | 9                     | 9                             | 9         | 9                       | 9 in solitary confinement              |
| 28           | Kayanza         | 0                       | 5                     | 5                             | 0         | 0                       | To investigate                         |
| 29           | Muramvya        | 0                       | 1                     | 1                             | 0         | 0                       | To investigate                         |
| 30           | Cankuzo         | 0                       | 4                     | 4                             | 4         | 4                       | 4 in isolation                         |
| 31           | Mabayi          | 0                       | 3                     | 3                             | 0         | 0                       | To investigate                         |
| 32           | Kabezi          | 1                       | 1                     | 2                             | 2         | 2                       | 2 in isolation                         |
| 33           | Muyinga         | 3                       | 0                     | 3                             | 3         | 3                       | 3 in isolation                         |
| 34           | Makamba         | 2                       | 0                     | 2                             | 0         | 0                       | To investigate                         |
| <b>Total</b> |                 | <b>66</b>               | <b>60</b>             | <b>126</b>                    | <b>56</b> | <b>55</b>               |  |

As of 18.11.2024, **60 new alerts** have been reported in **16** health districts, in addition to **66** alerts that have not been investigated as of 17.11.2024. Out of a total of **126** alerts, **56** were investigated and 55 were validated and collected. All these alerts are spread over **34/49 health districts** (detailed in the table above).

The cumulative number of alerts notified since the beginning of the epidemic amounts to 4929, distributed as follows:

- 4516 alerts investigated (91.5%):
  - o 4252 alerts validated and collected (94.2%)
  - o 4 alerts validated and not taken (0.08%)
  - o 260 alerts not validated (5.7%)
- 436 alerts not investigated (8.8%):
  - o 366 alerts lost to follow-up (83.9%)
  - o 70 alerts awaiting investigation (16.0%)

The investigation rate of mpox alerts in Burundi is 91.5%, while the rate of validation of alerts as suspected cases is estimated at 94.2%. Efforts are being made with the health districts to reduce the proportion of uninvestigated alerts, which is estimated at 8.8%.

2. Distribution of cases by health district

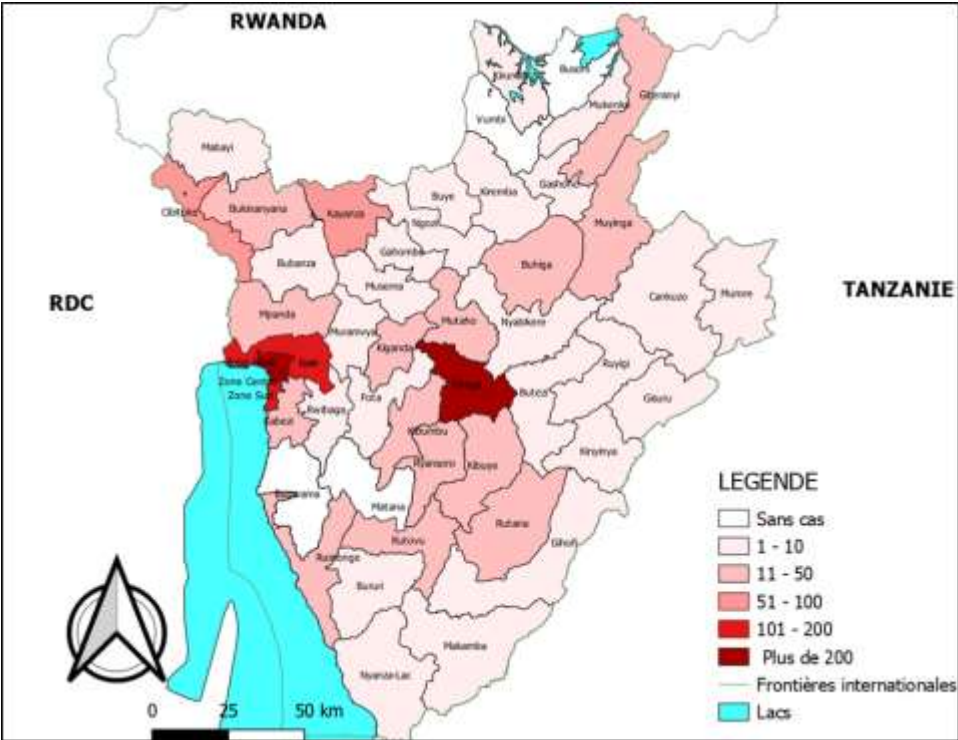


Figure 1. Location of affected health districts

Thirty-three (33) new positive cases have been reported as of 18-November-2024. A cumulative of forty-four (45) districts out of the country's 49 health districts have reported at least one confirmed case of Mpox, i.e. **91.8%** of the districts.

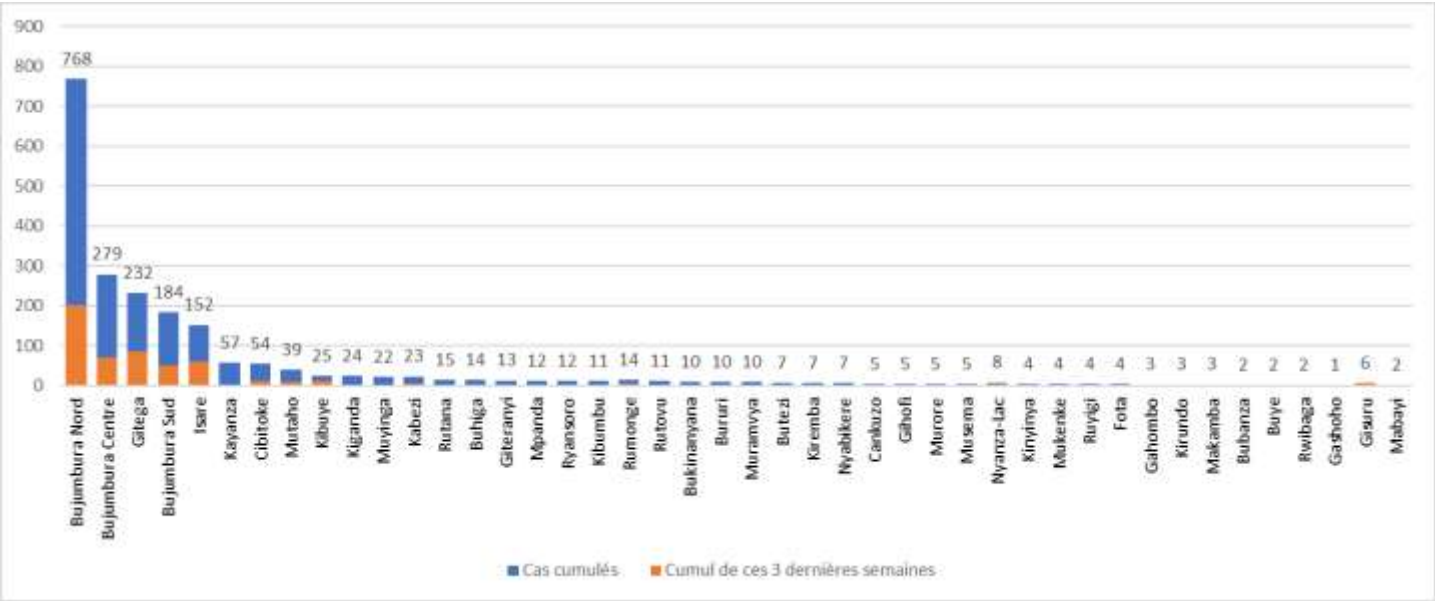


Fig2.Distribution of cases in the last 3 weeks (N=2083).

Out of a total of **2083** cases reported, **3 districts** of the **Bujumbura City Hall** recorded **1231** cases or **59.0%**. The district of **Bujumbura North** is the most affected in the country with **769 cases (36.9%)**. Of the **45** districts affected by Mpox, **29** DS have recorded at least one confirmed case in the past 3 weeks.

**Table 3: Distribution of cases in Bujumbura City Hall by area of origin**

| HEALTH DISTRICT  | COMMUNE       | ZONE         | CASE | TOTAL CASES BY DS |
|------------------|---------------|--------------|------|-------------------|
| BUJUMBURA NORD   | NOT INVENTED. | KAMENGE      | 331  | 769               |
|                  |               | CHINA        | 179  |                   |
|                  |               | GIHOSHA      | 83   |                   |
|                  |               | BUTTER       | 103  |                   |
|                  |               | CONCLUSION   | 50   |                   |
|                  |               | NGAGARA      | 23   |                   |
| BUJUMBURA SUD    | MUHA          | KANYOSHA     | 121  | 184               |
|                  |               | MUSAGA       | 58   |                   |
|                  |               | KININDO      | 5    |                   |
| BUJUMBURA CENTRE | MUKAZA        | BEAUTY       | 84   | 278               |
|                  |               | MOVE FORWARD | 24   |                   |
|                  |               | ROHERO       | 50   |                   |
|                  |               | BUYENZI      | 120  |                   |
| <b>TOTAL</b>     |               |              |      | <b>1231</b>       |

Out of a total of **1231** cases in Bujumbura City Hall, the most affected areas are Kamenge and Kinama with **331 cases (26.8%)** and **179 cases (14.5%)** respectively.

**Table 4: Distribution of cases in health districts outside Bujumbura City Hall by municipality of origin**

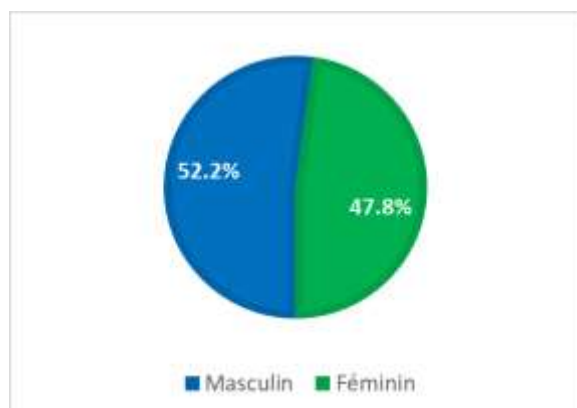
| DISTRICT | COMMUNE    | CASE | TOTAL CASES BY DS |
|----------|------------|------|-------------------|
| KAYANZA  | KABARORE   | 4    | 57                |
|          | KAYANZA    | 50   |                   |
|          | MURUTA     | 3    |                   |
| GAHOMBO  | MUHANGA    | 1    | 3                 |
|          | GAHOMBO    | 2    |                   |
| MUTAHU   | BUGENDANA  | 16   | 39                |
|          | MUTAHU     | 23   |                   |
| GITEGA   | GITEGA     | 230  | 232               |
|          | GIHETA     | 2    |                   |
| RYANSORO | RYANSORO   | 4    | 12                |
|          | NYARUSANGE | 1    |                   |
|          | GISHUBI    | 7    |                   |
| KIBUYE   | BURAZA     | 6    | 25                |
|          | BUKIRASAZI | 8    |                   |
|          | MAKEBUKO   | 10   |                   |
|          | ITABA      | 1    |                   |
| ISARE    | MUTIMBUZI  | 133  | 152               |
|          | ISARE      | 17   |                   |
|          | MUBIMBI    | 2    |                   |
| KIGANDA  | KIGANDA    | 18   | 24                |
|          | MBUYE      | 2    |                   |
|          | RUTEGAMA   | 4    |                   |
| MURAMVYA | MURAMVYA   | 6    | 11                |

| DISTRICT    | COMMUNE       | CASE | TOTAL CASES BY DS |
|-------------|---------------|------|-------------------|
|             | BUKEYE        | 5    |                   |
| KABEZI      | A TEST        | 12   | 23                |
|             | OF THE        | 9    |                   |
|             | SPIRIT        | 2    |                   |
| BUHIGA      |               | 2    | 15                |
|             | LIVE YOUR     | 7    |                   |
|             | LIFE          | 6    |                   |
| MAKAMBA     | GUIAR         | 0    | 3                 |
|             | KIBAGO        | 0    |                   |
|             | MAKAMBA       | 3    |                   |
| NYANZA-LAC  | LAKE OF OZ    | 6    | 8                 |
|             | IS A SMALL    | 2    |                   |
|             | TOWN IN       | 0    |                   |
| RUMONGE     | THE           | 2    | 14                |
|             | WESTERN       | 12   |                   |
| CONCLUSION  | PART OF       | 38   | 54                |
|             | THE STATE     | 16   |                   |
| BURURI      | OF            | 8    | 8                 |
|             |               | 0    |                   |
| BUTEZI      | WISCONSIN     | 7    | 7                 |
|             |               | 0    |                   |
| KINYINYA    |               | 3    | 4                 |
|             |               | 1    |                   |
| KISS        | Giharo        | 0    | 5                 |
|             | Gitanga       | 0    |                   |
|             | Bukemba       | 5    |                   |
| RUTANA      | Musongati     | 1    | 15                |
|             | RUTANA        | 14   |                   |
|             | Mpinga-Kayove | 0    |                   |
| RUTOVA      | RUTOVU        | 11   | 11                |
|             | SONGA         | 0    |                   |
| RUYIGI      | RUYIGI        | 3    | 4                 |
|             | BWERU         | 1    |                   |
| BUKINANYANA | BUKINANYANA   | 10   | 10                |
|             | MULWI         | 0    |                   |
| KIBUMBU     | A             | 4    | 11                |
|             | PHYSICIAN'S   | 4    |                   |
|             | GUIDE         | 3    |                   |
| KIREMBA     |               | 2    | 7                 |
|             | MARANGARA     | 0    |                   |
|             | TANGARA       | 5    |                   |
| Stuttgart   | MPANDA        | 5    | 12                |
|             | GIHANGA       | 6    |                   |
|             | RUGAZI        | 1    |                   |
| MUYINGA     | A WEEK'S      | 22   | 22                |
|             | WORTH         | 0    |                   |
|             | OF            | 0    |                   |
| GITERANYI   | REUNION       | 11   | 13                |
|             |               | 2    |                   |
| GASHOHO     | GASHOHO       | 1    | 1                 |
| BUBANZA     | BUBANZA       | 2    | 2                 |
|             | MUSIGATI      | 0    |                   |
| FOTA        | NDAVA         | 4    | 4                 |
|             | RUSAKA        | 0    |                   |
|             | GISOZI        | 0    |                   |
| CANKUZO     | CANKUZO       | 4    | 5                 |
|             | KIGAMBA       | 0    |                   |
|             | CENDAJURU     | 1    |                   |
| NYABIKERE   | GIHOGAZI      | 6    | 7                 |
|             | NEWBIKERS     | 1    |                   |
|             | MUTUMBA       | 0    |                   |
|             | SHOMBO        | 0    |                   |
| MUORE       | MISHIHA       | 2    | 5                 |

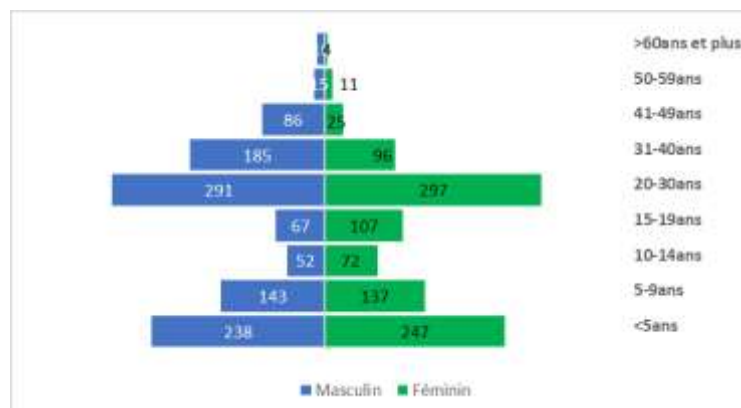
| DISTRICT   | COMMUNE      | CASE | TOTAL CASES BY DS |
|------------|--------------|------|-------------------|
|            | GISAGARA     | 3    |                   |
| MUSEMA     | BUTAGANZWA   | 0    | 5                 |
|            | MATONGO      | 4    |                   |
|            | RANK         | 1    |                   |
|            | Mug          | 1    |                   |
| THE BATTLE | Mugongomanga | 1    | 2                 |
|            | Nyabiraba    | 0    |                   |
|            | Bwambarangwe | 2    |                   |
| MUKENKE    | Gitobe       | 2    | 4                 |
|            | Bugabira     | 0    |                   |
| KIRUNDO    | Kirundo      | 3    | 3                 |
|            | MABAYI       | 2    |                   |
| MABAYI     | Mugina       | 0    | 2                 |
|            | Gashikanwa   | 0    |                   |
| BUY        | Mwumba       | 2    | 2                 |
|            | Nyamurenza   | 0    |                   |
|            | SKIN         | 3    |                   |
| SKIN       | SKIN         | 3    | 3                 |
| GISURU     | Gisuru       | 6    | 6                 |
| TOTAL      |              |      | 852               |

The municipalities of Gitega of DS Gitega (230 **positive cases**), Mutimbuzi of DS Isare (133 **positive cases**) and Kayanza of DS Kayanza (50 positive cases) are the most affected compared to other municipalities.

#### V. Distribution of cases by sex and age group



**Fig. 4.** Proportion of cases by sex

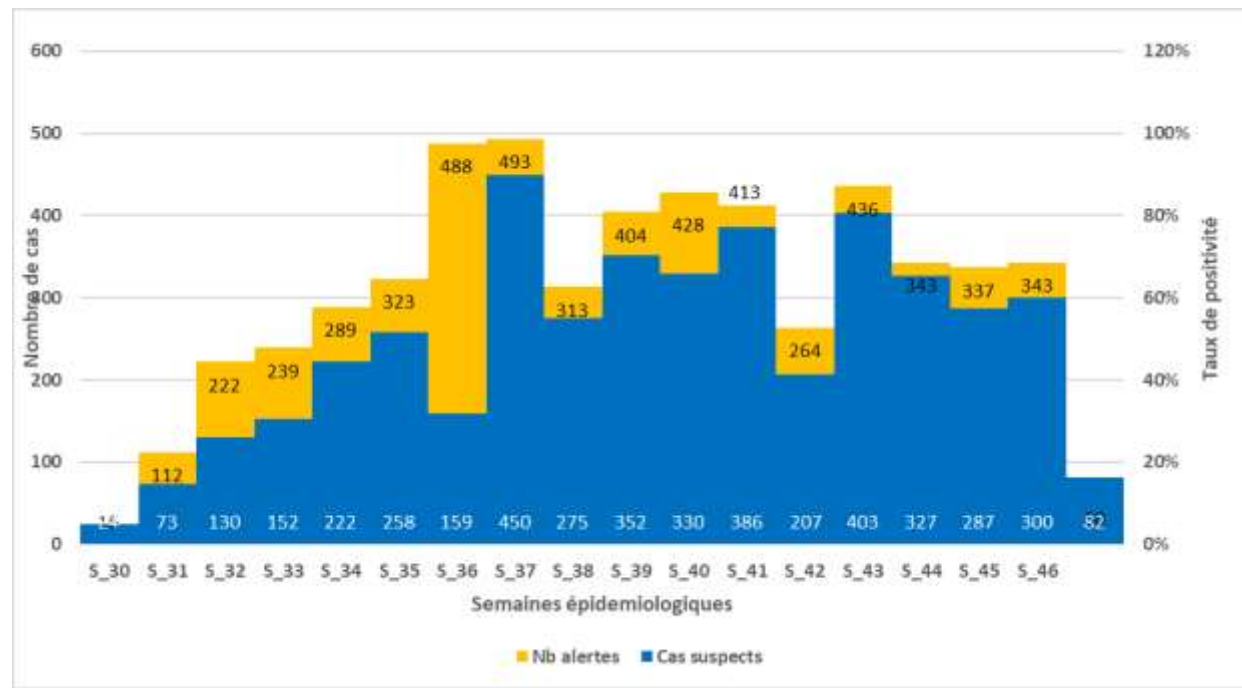


**Fig. 5.** Distribution of cases by sex and age group

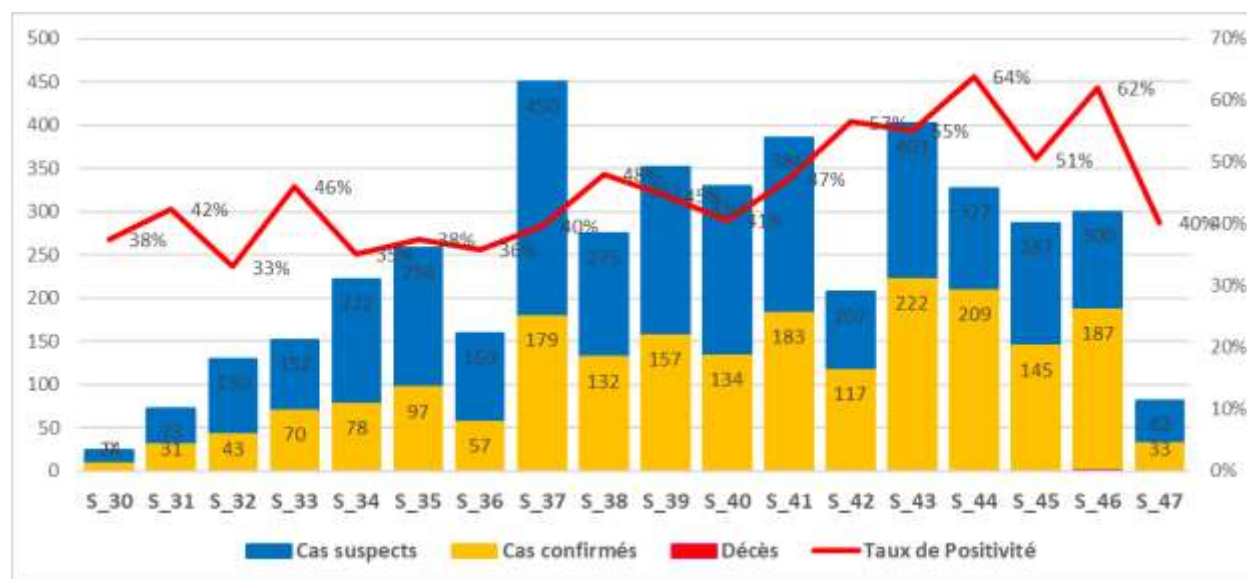
As of November 18, 2024, the cumulative number of confirmed cases of Mpox is **2083**, of which **52.2%** are male and **47.8%** female. The most affected age groups are: 20 to 30 years old (28.2%), children under 5 years old (**23.3%**) and those from 5 to 9 years old (13.4%). **Children under 15 years of age are the most affected with a proportion of 42.7%.**



## VI. Weekly evolution of alerts and suspected cases



## VII. Weekly evolution of cases



**Fig. 7.** Weekly evolution of confirmed cases of Mpox (N=2083; incomplete)

Out of a total of **4417** tests carried out, **2083** came back positive for Mpox, i.e. a **positivity rate of 47.1%**.



## VIII. Public health actions

- Briefing of 67 CHWs on community-based epidemiological surveillance in the health district of Gashoho;
- Deployment of the mobile laboratory in Gitega and Bujumbura North;
- Broadcasting of radio spots on preventive measures against Mpox;
- Briefing of school officials (Director of Schools, Prefect of Studies and Master in Charge) on Mpox
- Briefing of CHWs of the Muyinga Health District on community-based surveillance and risk communication in the context of Mpox;
- Water supply by bladders in some localities of Bujumbura Mairie;
- Continued management of **975** active cases;
- Deployment of surveillance teams for the investigation of alerts and identification of contacts;
- Development and daily dissemination of SITREPs;
- Resource mobilization (Government and Development Partners);
- Notification of suspected cases by health facilities and districts;
- Dietary care of Mpox patients at the CHUK and CPLR PEC centers, Bujumbura North Hospital, Gitega Regional Hospital and Kayanza Hospital;
- Collection and analysis of samples from suspected cases;
- Disinfection of affected households.



## **IX. Challenges**

- Insufficient sampling equipment for some districts in the interior of the country;
- Insufficient equipment and other inputs for prevention, medical and food care;
- Insufficient isolation units in the FOSAs;
- Non-compliance with the national protocol for the management of Mpox by some service providers;
- Low capacity of service providers on the management of Mpox;
- Insufficient resources for the investigation of alerts (financial resources);
- Insufficient water in some localities of Bujumbura Mairie;
- Low level of follow-up of patients discharged at home;
- Low level of surveillance for Mpox disease in animals.

### **For reporting:**

- Dr NKENGURUTSE Liliane, Director of the COUSP  
Email: [dr.liliane2011@yahoo.fr](mailto:dr.liliane2011@yahoo.fr) Tel: 69981827
- Dr Issa DIALLO, Team Lead EPR, OMS, Bureau  
Pays Burundi Email: [diallois@who.int](mailto:diallois@who.int) Tél :  
+257 76922233

### **Approved by:**

**The Minister of Public Health and  
the Fight against AIDS**

**Dr Lydwine BARADAHANA**