

**Summary Table**



**Epidemiological week 22 of 2015 [24th – 30th May 2015]**

|  |  |  |
| --- | --- | --- |
| **Indicator** | **Week 21**  **2015** | **Week**  **22 2015** |
| % Districts | 99 | 100 |
| Ave % HU | 52 | 59 |
| % Timely  reports | 54 | 75 |
| AFP | 2(0) | 1(0) |
| Rabies | 579(0) | 441 (2) |
| Cholera | 3(0) | 0(0) |
| Dysentery | 1583(0) | 1050  (0) |
| Guinea  Worm | 0(0) | 1(0) |
| Malaria | 179864 (40) | 208897 (54) |
| Measles | 208(0) | 145  (0) |
| Meningitis | 114(0) | 10(3) |
| NNT | 1(0) | 1(1) |
| Plague | 0(0) | 1(0) |
| Typhoid | 1878(0) | 2283  (0) |

**Disease Outbreaks**

**Cholera**: In week 21, Kasese district reported **no cases** and from daily situation reports from the district, by 11th June, no cases were admitted in the CTC but one death occurred in the community. **Bundibugyo** had no case in week 22. The cholera outbreak in Kasese started on

**14/03/2015. By 31st May, 154 cases 2 deaths (CFR 1.3%)** had been

reported at Bwera Hospital cholera treatment centre. From the laboratory results, the outbreak was caused by *Vibrio cholera inaba*.

**Measles:** The cases reported decreased by 30% despite the increases in reporting level. **Kampala (20 cases) and Kabarole (10 cases)** had the highest number although 46 districts reported at least one case. **Kamwenge** confirmed the measles outbreak but had **5 cases** in week 22.

**Typhoid fever:** The typhoid fever outbreak started in week 48, 2014 in Kampala district. **The majority of cases reside in Makindye and Rubaga divisions (Figure 1).** From analysis of the recent line list (4th June),  **10,230 cases** meet the case definition; of whom **4735 (46%)** were females and **5495 (54%)** males. In week 22, 25 districts had 5 or more cases per 50,000 population. Notably, Bukwo had 26.9 and Butambala 20.8 cases/50,000 population. Cases treated in Kampala have reduced to below epidemic threshold from week 19 (**Figure 2**).

**Completeness of Reporting**

All district reported this week 59% (1997 of 3841) of the health units submitted reports this week. **Moyo, Butambala, Zombo, Kapchorwa, Yumbe, Koboko and Maracha** had

**100%** completeness. Up to 26 **districts achieved the targeted 80%** of the health units reporting compared to **15 in week 21** (highlighted in yellow in summary table)**.** Kaberamaido, Katakwi, Luuka, Pader, Namayingo and Mubende with less than 20% (districts with <50% are highlighted in pink).

**Timeliness**

At national level, 75% of the health facilities submitted timely reports and

39 districts had 80-100% of their facilities reporting timely.

**Other priority diseases**

**AFP:** Kyenjojo District reported one case and the verification of 21 cases reported in Koboko revealed that this was an error.

**Rabies:** Eighty districts reported one or more cases of animal bites as a proxy for rabies; and 14 districts had 10 cases or more. Wakiso (47), Toror (19), Moroto (15) and Nebbi (15) reported the highest number of animal bites.

**Dysentery**: This week, 98 districts reported at least a case of dysentery and of these, 37 districts had 10 or more cases. Hoima (54), Kotido (45), Kapchorwa (45), Nakapiripirit (43) and Arua (40) had high numbers. The cases Koboko and Hoima were a mistake. Verification revealed that sometimes the responsible district did not verify the reports, leading to false entries in DHIS2. None of the districts reported related detailed **laboratory investigations** to rule out epidemic dysentery due to ***Shigella*** species.

**Meningitis:** Meningitis cases were reported in Kampala (2), Gulu (2) and one case each in Kabarole, Napak, Oyam, Butambala, Kumi and Isinigor districts. Hoima District verified the 105 cases reported in week 21 as an error.

**Malaria:** The cases increased in week 22 reflecting the change in reporting levels and completeness of the data. Districts with more than 3000 cases were 18 including Gulu, Apac and Oyam where the cases had significantly decreased during the IRS use project. Lamwo (trends in **Figure 3**) and the other six districts are reporting similar trends, which have prompted for action at the national level.

**Neonatal tetanus:** Kamuli District reported one case and death but the District Rapid Response Team has been alerted to investigate the case and provide a report.

**Human Influenza:** In week 22, 8 samples were collected by the Makerere University Walter Reed Influenza

Surveillance Project data from sentinel surveillance sites for ILI, but none was positive. Since the year started, only

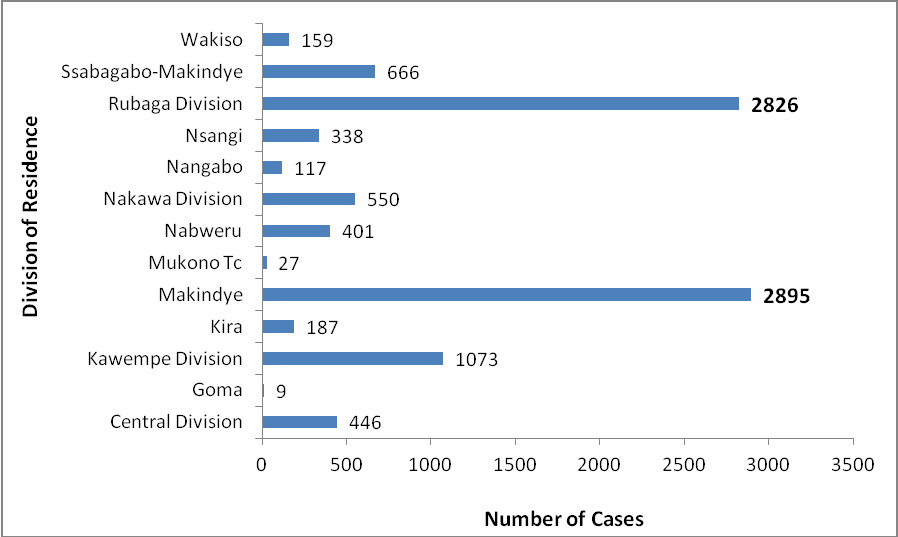
3 Influenza B viruses have been isolated.

**Guinea worm:** One case was reported in Abim District and the GWCP has been alerted to investigate this case.

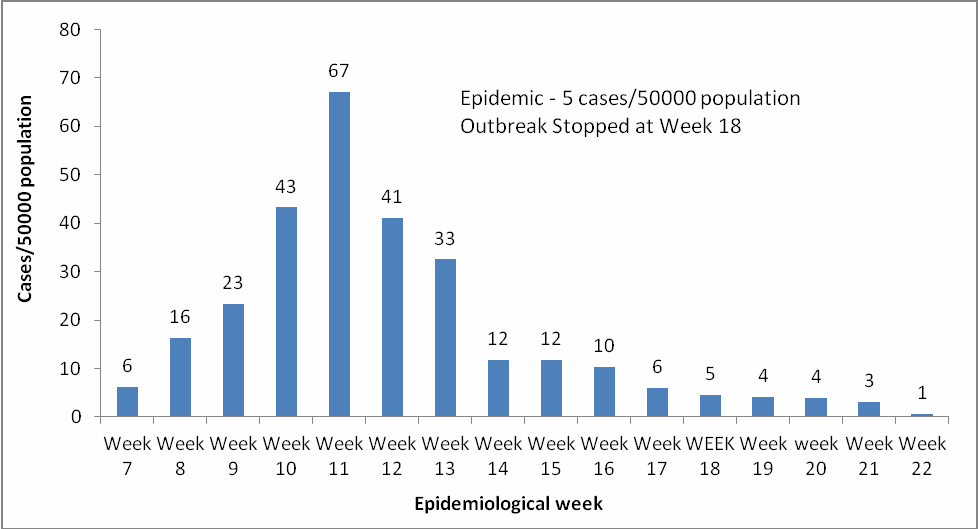
**Maternal deaths:** In week 22, 58% of the health facilities reported about maternal deaths. Over the past weeks there have been gross mistakes in maternal and perinatal deaths reporting and the same happened in this reporting period. The DHIS2 team is rectifying this challenge.

**International health events**:

**MERS-COV:** By 11th June, there were 126 cases in South Korea, with 4 new positive cases and 1 death; but Saudi Arabia has had 2 cases and 2 deaths (100% CFR). The Ministry of Health and Welfare's MERS-CoV Task Force has confirmed 4 additional positive cases of MERS-CoV on 11 Jun 2015.

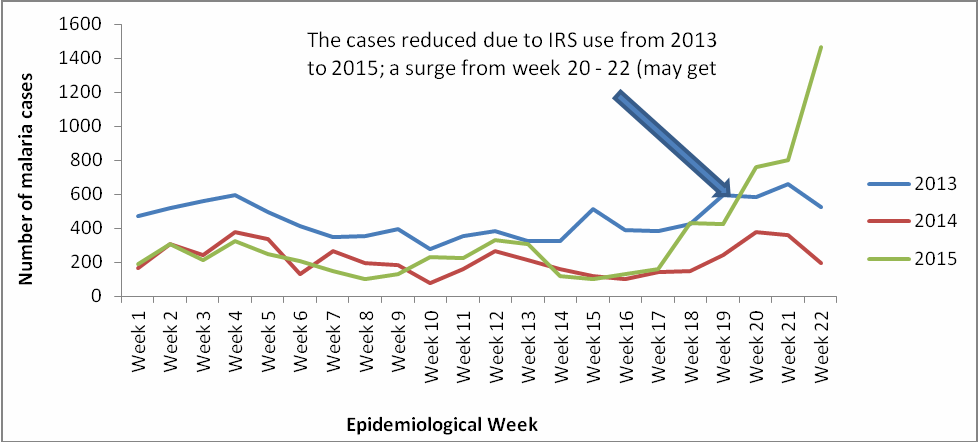


**Figure 1: Typhoid cases treated by 4th June 2015 in Kampala by area of residence**



**Figure 2: Number of typhoid cases (meeting the case definition) per 50,000 population treated in**

**Kampala by 4th June 2015: weeks 19 to 22 had less than the threshold.**



**Figure 3: Malaria suspected cases treated in Lamwo District compared overe three years shopwing an upsurge**

Summary table for epidemiological reports received for week ending 30th May 2015

**(Numbers in brackets indicate deaths)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District** | **% of H/U**  **reporting** | **AFP** | **Animal bite**  **(Suspected**  **Rabies)** | **Cholera** | **Dysentery** | **Guinea**  **Worm** | **Malaria** | **Measles** | **Meningitis** | **NNT** | **Plague** | **Typhoid**  **Fever** |
| Abim | 95 | 0 | 2 | 0 | 35 | 1 | 1666 | 0 | 0 | 0 | 0 | 5 |
| Adjumani | 74 | 0 | 4 | 0 | 21 | 0 | 4184 | 0 | 0 | 0 | 0 | 0 |
| Agago | 82 | 0 | 8 | 0 | 32 | 0 | 2354 | 0 | 0 | 0 | 0 | 6 |
| Alebtong | 57 | 0 | 1 | 0 | 1 | 0 | 1111(1) | 0 | 0 | 0 | 0 | 2 |
| Amolatar | 85 | 0 | 11 | 0 | 2 | 0 | 698 | 0 | 0 | 0 | 0 | 4 |
| Amudat | 75 | 0 | 0 | 0 | 7 | 0 | 524 | 0 | 0 | 0 | 0 | 1 |
| Amuria | 68 | 0 | 7 | 0 | 2 | 0 | 3933 | 0 | 0 | 0 | 0 | 1 |
| Amuru | 71 | 0 | 0 | 0 | 16 | 0 | 3533(1) | 0 | 0 | 0 | 0 | 2 |
| Apac | 91 | 0 | 4 | 0 | 0 | 0 | 4555 | 0 | 0 | 0 | 0 | 0 |
| Arua | 83 | 0 | 10 | 0 | 40 | 0 | 7970(1) | 4 | 0 | 0 | 0 | 103 |
| Budaka | 44 | 0 | 2 | 0 | 7 | 0 | 952 | 0 | 0 | 0 | 0 | 2 |
| Bududa | 80 | 0 | 1 | 0 | 4 | 0 | 1329(2) | 1 | 0 | 0 | 0 | 11 |
| Bugiri | 28 | 0 | 1 | 0 | 4 | 0 | 919 | 2 | 0 | 0 | 0 | 5 |
| Buhweju | 40 | 0 | 0 | 0 | 1 | 0 | 120 | 0 | 0 | 0 | 0 | 0 |
| Buikwe | 74 | 0 | 12 | 0 | 16 | 0 | 3341 | 14 | 0 | 0 | 0 | 46 |
| Bukedea | 46 | 0 | 0 | 0 | 4 | 0 | 492 | 1 | 0 | 0 | 0 | 4 |
| Bukomansimbi | 53 | 0 | 2 | 0 | 1 | 0 | 601 | 1 | 0 | 0 | 0 | 9 |
| Bukwo | 69 | 0 | 11 | 0 | 34 | 0 | 501 | 0 | 0 | 0 | 0 | 41 |
| Bulambuli | 85 | 0 | 1 | 0 | 0 | 0 | 1242 | 0 | 0 | 0 | 0 | 0 |
| Buliisa | 60 | 0 | 0 | 0 | 7 | 0 | 575 | 0 | 0 | 0 | 0 | 5 |
| Bundibugyo | 71 | 0 | 0 | 0 | 37 | 0 | 2439 | 0 | 0 | 0 | 0 | 21 |
| Bushenyi | 38 | 0 | 5 | 0 | 6 | 0 | 867 | 3 | 0 | 0 | 0 | 35 |
| Busia | 25 | 0 | 4 | 0 | 3 | 0 | 1501 | 0 | 0 | 0 | 0 | 3 |
| Butaleja | 63 | 0 | 1 | 0 | 5 | 0 | 2306 | 0 | 0 | 0 | 0 | 2 |
| Butambala | 100 | 0 | 2 | 0 | 4 | 0 | 1518 | 3 | 1 | 0 | 0 | 42 |
| Buvuma | 46 | 0 | 0 | 0 | 4 | 0 | 342 | 0 | 0 | 0 | 0 | 2 |
| Buyende | 75 | 0 | 0 | 0 | 2 | 0 | 3334 | 0 | 0 | 0 | 0 | 0 |
| Dokolo | 81 | 0 | 5 | 0 | 2 | 0 | 1809 | 0 | 0 | 0 | 0 | 5 |
| Gomba | 61 | 0 | 0 | 0 | 3 | 0 | 863 | 0 | 0 | 0 | 0 | 0 |
| Gulu | 86 | 0 | 7 | 0 | 39 | 0 | 6180(4) | 0 | 2 | 0 | 0 | 82 |
| Hoima | 85 | 0 | 7 | 0 | 54 | 0 | 4452(4) | 2 | 0 | 0 | 0 | 68 |
| Ibanda | 46 | 0 | 2 | 0 | 0 | 0 | 1443(1) | 3 | 0 | 0 | 0 | 0 |
| Iganga | 49 | 0 | 4 | 0 | 2 | 0 | 4080(2) | 0 | 0 | 0 | 0 | 3 |
| Isingiro | 68 | 0 | 0 | 0 | 2 | 0 | 2408(1) | 1 | 1 | 0 | 0 | 13 |
| Jinja | 33 | 0 | 6 | 0 | 13 | 0 | 2310(4) | 0 | 0 | 0 | 0 | 17 |
| Kaabong | 82 | 0 | 12 | 0 | 31 | 0 | 2338 | 0 | 0 | 0 | 0 | 9 |
| Kabale | 79 | 0 | 9 | 0 | 0 | 0 | 349(1) | 0 | 0 | 0 | 0 | 0 |
| Kabarole | 82 | 0 | 11 | 0 | 22 | 0 | 3602(3) | 9 | 1 | 0 | 0 | 36 |
| Kaberamaido | 19 | 0 | 2 | 0 | 2 | 0 | 1228 | 0 | 0 | 0 | 0 | 9 |
| Kalangala | 47 | 0 | 1 | 0 | 2 | 0 | 295 | 4 | 0 | 0 | 0 | 5 |
| Kaliro | 40 | 0 | 0 | 0 | 2 | 0 | 1278 | 0 | 0 | 0 | 0 | 5 |
| Kalungu | 45 | 0 | 0 | 0 | 2 | 0 | 1046 | 0 | 0 | 0 | 0 | 7 |
| Kampala | 54 | 0 | 13 | 0 | 12 | 1 | 2796 | 21 | 2 | 0 | 0 | 500 |
| Kamuli | 47 | 0 | 2 | 0 | 3 | 0 | 3345(2) | 1 | 0 | 1(1) | 0 | 13 |
| Kamwenge | 64 | 0 | 0 | 0 | 1 | 0 | 2496 | 10 | 0 | 0 | 0 | 1 |
| Kanungu | 52 | 0 | 3 | 0 | 1 | 0 | 855 | 1 | 0 | 0 | 0 | 39 |
| Kapchorwa | 100 | 0 | 0 | 0 | 45 | 0 | 1127 | 0 | 0 | 0 | 0 | 8 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District** | **% of H/U**  **reporting** | **AFP** | **Animal bite**  **(Suspected**  **Rabies)** | **Cholera** | **Dysentery** | **Guinea**  **Worm** | **Malaria** | **Measles** | **Meningitis** | **NNT** | **Plague** | **Typhoid**  **Fever** |
| Kasese | 50 | 0 | 1 | 0 | 8 | 0 | 3104(5) | 8 | 0 | 1 | 0 | 13 |
| Katakwi | 18 | 0 | 0 | 0 | 1 | 0 | 773 | 0 | 0 | 0 | 0 | 0 |
| Kayunga | 79 | 0 | 2 | 0 | 25 | 0 | 3308 | 0 | 0 | 0 | 0 | 6 |
| Kibaale | 51 | 0 | 2 | 0 | 10 | 0 | 2794(1) | 6 | 0 | 0 | 0 | 102 |
| Kiboga | 33 | 0 | 0 | 0 | 4 | 0 | 313 | 1 | 0 | 0 | 0 | 11 |
| Kibuku | 46 | 0 | 0 | 0 | 0 | 0 | 470 | 0 | 0 | 0 | 0 | 0 |
| Kiruhura | 66 | 0 | 11 | 0 | 0 | 0 | 2095 | 4 | 0 | 0 | 0 | 2 |
| Kiryandongo | 72 | 1 | 2 | 0 | 11 | 0 | 2617 | 3 | 0 | 0 | 0 | 6 |
| Kisoro | 95 | 0 | 6 | 0 | 1 | 0 | 244 | 3 | 0 | 0 | 0 | 5 |
| Kitgum | 52 | 0 | 4 | 0 | 9 | 0 | 2054(3) | 0 | 0 | 0 | 0 | 17 |
| Koboko | 100 | 0 | 4 | 0 | 4 | 0 | 2835(1) | 0 | 0 | 0 | 0 | 2 |
| Kole | 83 | 0 | 2 | 0 | 1 | 0 | 2220 | 0 | 0 | 0 | 0 | 0 |
| Kotido | 41 | 0 | 3 | 0 | 45 | 0 | 816 | 0 | 0 | 0 | 0 | 37 |
| Kumi | 40 | 0 | 6 | 0 | 3 | 0 | 1949 | 0 | 1 | 0 | 0 | 30 |
| Kween | 59 | 0 | 1 | 0 | 2 | 0 | 494 | 0 | 0 | 0 | 0 | 4 |
| Kyankwanzi | 46 | 0 | 0 | 0 | 1 | 0 | 937 | 0 | 0 | 0 | 0 | 15 |
| Kyegegwa | 60 | 0 | 2 | 0 | 1 | 0 | 1408(1) | 5 | 0 | 0 | 0 | 7 |
| Kyenjojo | 69 | 1 | 8 | 0 | 7 | 0 | 2094(1) | 7 | 0 | 0 | 0 | 28 |
| Lamwo | 90 | 0 | 0 | 0 | 0 | 0 | 1625(1) | 0 | 0 | 0 | 0 | 0 |
| Lira | 41 | 0 | 1 | 0 | 5 | 0 | 1641 | 0 | 0 | 0 | 0 | 0 |
| Luuka | 18 | 0 | 0 | 0 | 0 | 0 | 671 | 0 | 0 | 0 | 0 | 0 |
| Luwero | 63 | 0 | 8 | 0 | 9 | 0 | 2695 | 15 | 0 | 0 | 0 | 98 |
| Lwengo | 26 | 0 | 0 | 0 | 0 | 0 | 424 | 2 | 0 | 0 | 0 | 42 |
| Lyantonde | 33 | 0 | 1 | 0 | 5 | 0 | 505 | 4 | 0 | 0 | 0 | 15 |
| Manafwa | 61 | 0 | 1 | 0 | 9 | 0 | 1982 | 0 | 0 | 0 | 0 | 3 |
| Maracha | 100 | 0 | 2 | 0 | 14 | 0 | 3012(1) | 0 | 0 | 0 | 0 | 37 |
| Masaka | 61 | 0 | 0 | 0 | 2 | 0 | 1481 | 9 | 0 | 0 | 0 | 18 |
| Masindi | 72 | 0 | 14 | 0 | 12 | 0 | 2229 | 0 | 0 | 0 | 0 | 13 |
| Mayuge | 48 | 0 | 4 | 0 | 15 | 0 | 2285 | 0 | 0 | 0 | 0 | 1 |
| Mbale | 69 | 0 | 1 | 0 | 5 | 0 | 2664 | 0 | 0 | 0 | 0 | 5 |
| Mbarara | 74 | 0 | 9 | 0 | 5 | 0 | 1471 | 0 | 0 | 0 | 0 | 45 |
| Mitooma | 84 | 0 | 0 | 0 | 0 | 0 | 1198 | 0 | 0 | 0 | 0 | 0 |
| Mityana | 57 | 0 | 8 | 0 | 9 | 0 | 2463(1) | 0 | 0 | 0 | 0 | 6 |
| Moroto | 79 | 0 | 15 | 0 | 24 | 0 | 1371(1) | 0 | 0 | 0 | 0 | 30 |
| Moyo | 100 | 0 | 3 | 0 | 15 | 0 | 4790 | 0 | 0 | 0 | 0 | 45 |
| Mpigi | 56 | 0 | 3 | 0 | 3 | 0 | 1313(1) | 0 | 0 | 0 | 0 | 29 |
| Mubende | 10 | 0 | 0 | 0 | 0 | 0 | 566 | 11 | 0 | 0 | 0 | 6 |
| Mukono | 58 | 0 | 6 | 0 | 10 | 0 | 1806 | 3 | 0 | 0 | 0 | 18 |
| Nakapiripirit | 88 | 0 | 4 | 0 | 43 | 0 | 2061 | 0 | 0 | 0 | 0 | 19 |
| Nakaseke | 52 | 0 | 2 | 0 | 4 | 0 | 752 | 12 | 0 | 0 | 0 | 14 |
| Nakasongola | 33 | 0 | 3 | 0 | 10 | 0 | 665 | 4 | 0 | 0 | 0 | 17 |
| Namayingo | 10 | 0 | 1 | 0 | 11 | 0 | 300 | 0 | 0 | 0 | 0 | 2 |
| Namutumba | 70 | 0 | 0 | 0 | 5 | 0 | 2873(1) | 1 | 0 | 0 | 0 | 2 |
| Napak | 92 | 0 | 6 | 0 | 17 | 0 | 1326 | 0 | 1 | 0 | 0 | 0 |
| Nebbi | 82 | 0 | 15 | 0 | 32 | 0 | 4417(1) | 0 | 0 | 0 | 0 | 26 |
| Ngora | 42 | 0 | 1 | 0 | 3 | 0 | 1046 | 0 | 0 | 0 | 0 | 0 |
| Ntoroko | 78 | 0 | 0 | 0 | 2 | 0 | 432 | 0 | 0 | 0 | 0 | 7 |
| Ntungamo | 44 | 0 | 10 | 0 | 1 | 0 | 548 | 0 | 0 | 0 | 0 | 8 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District** | **% of H/U**  **reporting** | **AFP** | **Animal bite**  **(Suspected**  **Rabies)** | **Cholera** | **Dysentery** | **Guinea**  **Worm** | **Malaria** | **Measles** | **Meningitis** | **NNT** | **Plague** | **Typhoid**  **Fever** |
| Nwoya | 70 | 0 | 0 | 0 | 3 | 0 | 1939(2) | 0 | 0 | 0 | 0 | 0 |
| Otuke | 69 | 0 | 0 | 0 | 1 | 0 | 1034 | 0 | 0 | 0 | 0 | 2 |
| Oyam | 68 | 0 | 7 | 0 | 14 | 0 | 2675(3) | 0 | 1 | 0 | 0 | 6 |
| Pader | 3 | 0 | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 0 | 0 |
| Pallisa | 53 | 0 | 2 | 0 | 7 | 0 | 1642 | 0 | 0 | 0 | 0 | 18 |
| Rakai | 28 | 0 | 0 | 0 | 14 | 0 | 1629 | 4 | 0 | 0 | 0 | 7 |
| Rubirizi | 77 | 0 | 2 | 0 | 0 | 0 | 872 | 0 | 0 | 0 | 0 | 6 |
| Rukungiri | 55 | 0 | 6 | 0 | 2 | 0 | 1103 | 0 | 0 | 0 | 0 | 7 |
| Sembabule | 33 | 0 | 2 | 0 | 7 | 0 | 965 | 0 | 0 | 0 | 0 | 62 |
| Serere | 41 | 0 | 0 | 0 | 3 | 0 | 1631 | 0 | 0 | 0 | 0 | 1 |
| Sheema | 44 | 1 | 4 | 0 | 0 | 0 | 921 | 4 | 0 | 0 | 0 | 6 |
| Sironko | 59 | 0 | 0 | 0 | 2 | 0 | 1688 | 0 | 0 | 0 | 0 | 1 |
| Soroti | 58 | 0 | 2 | 0 | 12 | 0 | 2157 | 0 | 0 | 0 | 0 | 21 |
| Tororo | 49 | 0 | 19 | 0 | 8 | 0 | 2604 | 1 | 0 | 0 | 0 | 27 |
| Wakiso | 36 | 0 | 47 | 0 | 15 | 0 | 2967 | 20 | 0 | 0 | 0 | 133 |
| Yumbe | 100 | 0 | 4 | 0 | 14 | 0 | 5062(3) | 0 | 0 | 0 | 0 | 15 |
| Zombo | 100 | 0 | 1 | 0 | 12 | 0 | 1587 | 0 | 0 | 0 | 1 | 8 |
| **National** | **59** | **1(0)** | **441(0)** | **0 (0)** | **1050 (0)** | **0(0)** | **208897**  **(54)** | **145 (0)** | **10 (0)** | **1(1)** | **1(0)** | **2283 (0)** |

HU= Health Units, AFP=Acute Flaccid Paralysis, NNT=Neonatal Tetanus

**Compiled by the Epidemiological Surveillance Division, Ministry of Health**