

**Highlights of the week**



- Updates on Cholera outbreak in

Hoima District

- Mumps outbreak controlled in

Kampala school

**Summary Table**

|  |  |  |
| --- | --- | --- |
| **Indicator** | **Week 39**  **2015** | **Week 40**  **2015** |
| % Districts | 100 | 100 |
| Ave % HU | 62 | 56 |
| % Timely reports | \* | \* |
| AFP | 4 (0) | 7 (7) |
| Animal bites | 251 (0) | 240 (0) |
| Cholera | 0 | 0 |
| Dysentery | 800 (1) | 610 (2) |
| Guinea  Worm | 0 | 0 |
| Malaria | 142869 (23) | 108650 (43) |
| Measles | 133 (1) | 242 (0) |
| Meningitis | 16 (3) | 4 (0) |
| NNT | 1 (1) | 1 (0) |
| Plague | 1 (0) | 0 |
| Typhoid | 1462 (2) | 1291 (2) |

**\*Indicator not provided**

**Completeness of Reporting**

In week 40, all districts reported. The average reporting was 2,185 (56%) health facilities compared to 62% in week 39. Up to 21 districts achieved the national target of ≥80% of the health facilities reporting completeness. Amolatar, Lira, Amudat, Kole, Budaka, Gomba and Dokolo achieved 100% reporting but Mubende had 5.2% reporting. Reporting rates by region indicate that Northern is highest at 68%, followed by Western - 55%, Eastern - 47% and Central - 36% (**Figure 1**). The best and worst districts have been presented in **Figure 2**.

**Epidemiological week 40 of 2015 [28th Sept – 4th Oct 2015]**

**Disease Outbreaks**

**Cholera in Hoima District:**

A suspected outbreak was reported on 2/10/2015 to the DHO’s office from Nkondo village, Nkodo Parish, Kabwoya Sub-county in Hoima District. The Index case was a 63 year old woman who developed severe diarrhea, vomiting and general body weakness on 29th/09/2015 in Nkondo II. Nkondo Treatment Centre was closed because there are no more cases. However, two other CTCs (Kaiso and Tonya) have been operating successfully. Twelve samples processed at CPHL were culture positive for *Vibrio cholerae* 01 Inaba.

**Actions:** Community mobilisation and referral of patients to the CTCs,

and samples transportation for analysis at CPHL has continued.

**Unknown illness in Buliisa & Hoima districts:** On 23rd September

2015, the Ministry of Health received information on suspected haemorrhagic fever in Buliisa and Hoima districts. Blood samples submitted to UVRI have tested negative for Ebola, Marburg, RVF and CCHF. By 15th October, there were no new cases on admission and 2 cases were discharged.

**Actions:** Radio messages were aired on Spice FM by District leadership in Lunyoro and English to sensitize the communities in

early reporting of cases; case control study conducted indicates

relationship between schistosomiasis and alcohol consumption; good case management ensured survival and discharge of subsequent cases; alcohol sachets were collected for analysis.

**Malaria:** Malaria cases decreased in similar proportion to the decreased reporting level. The cases in the 10 outbreak districts in Northern Uganda are still above normal channels and pre-epidemic levels (**Figure 3**). Only Kole district (100%) maintains the reporting target of ≥80%. Highest number of cases were reported by Gulu (4506), Moyo (4366), Arua (3675) and Kitgum (3623) districts.

**Mumps in Kampala:** By 7th September, mumps cases were reported among children in a nursery school in Kampala District. Cases presented with fever, headache and swollen mandibular and maxillary lymph nodes. After health education of the staff and children and advice to isolate the sick children early, no new cases were reported.

**Other priority diseases**

**AFP**: Seven cases were reported in the weekly report from Kasese, Nakapiripirt, Mbale, Serere districts. 25 out of

112 (22%) districts have attained the new rate of ≥ 4/100000 children 0 - 14 years whereas 66 out of 112 (59%) have attained a non-polio AFP rate of ≥2/100,000 children 0 - 14 years. The Non-polio AFP rate is 2.45/100,000 children aged 0 – 14 years compared to Non-polio AFP rate of 2.16/100,000 in the corresponding week of 2014.

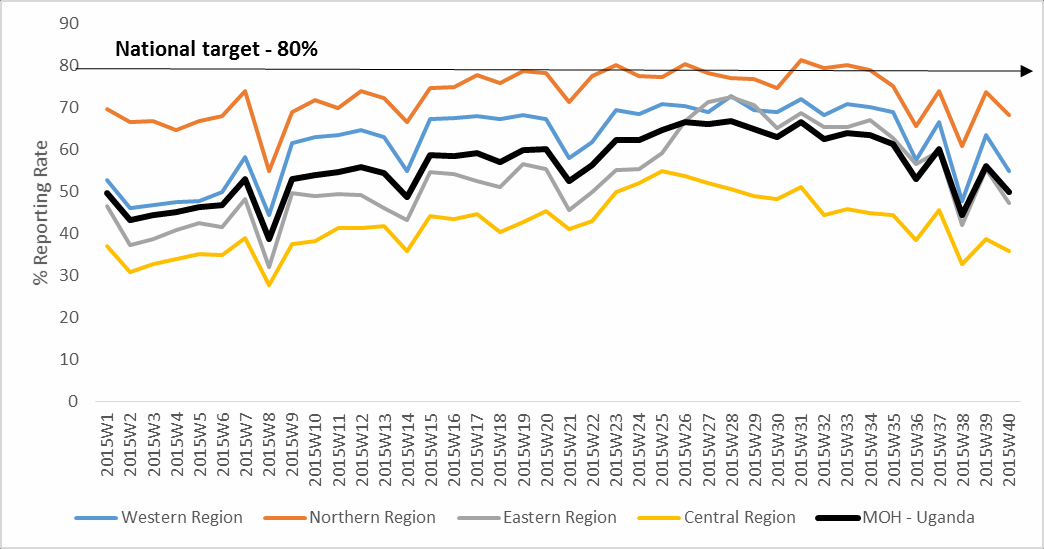
**Typhoid fever:** In week 40, 23 districts reported twenty or more typhoid cases. Kampala city reported 219 cases, which was the highest number of suspected typhoid cases.

**Measles:** The number of suspected measles cases reported increased by 55% in week 40. Twenty one districts reported 5 or more suspected cases.

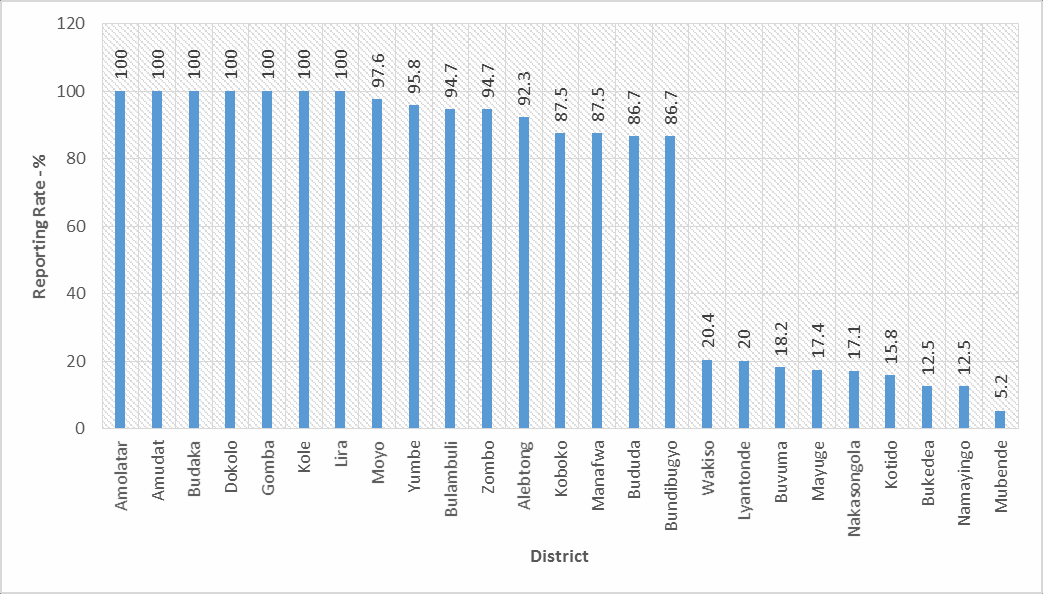
**Ebola VHF in West Africa**

Four cases of Ebola VD and some contacts are under follow up in Guinea. In Sierra Leone, the last case died on

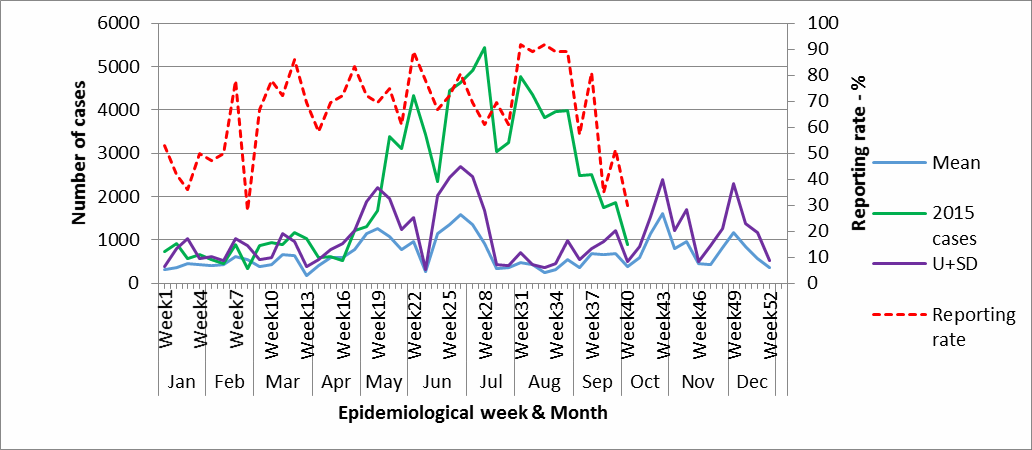
12th September, so the countdown to 42 days of follow up is ongoing before declaring the outbreak contained.



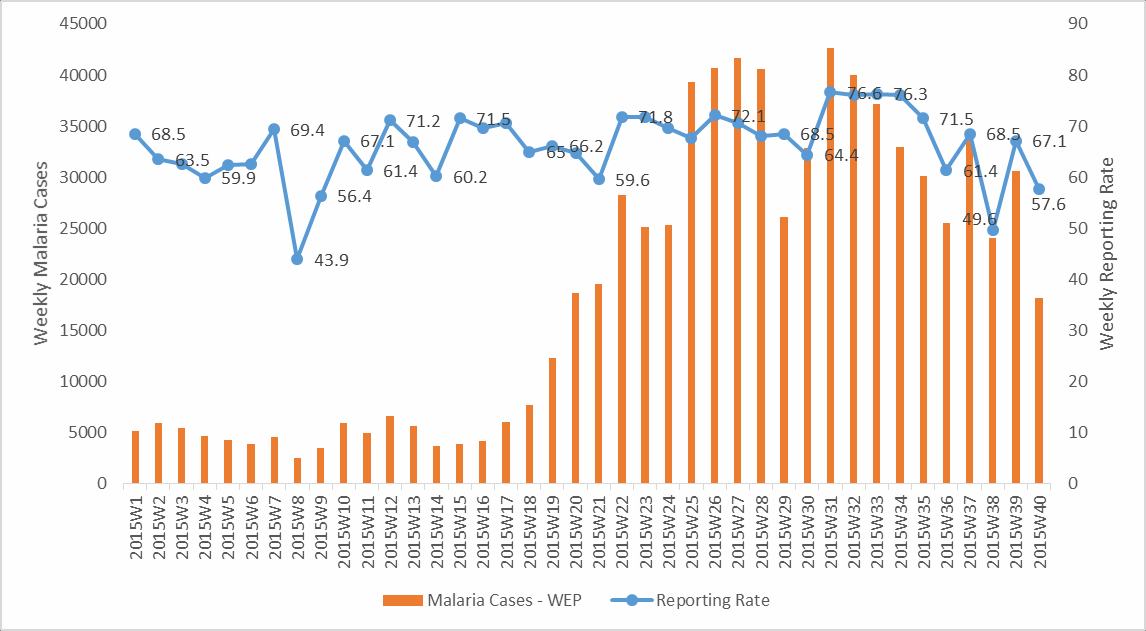
**Figure 1: Percent Weekly Reporting by Region.** Northern Uganda has been leading since the start of the year – close to the national target of 80%, whereas the central region is at the bottom during the respective reporting periods.



**Figure 2: Percent reporting rate (completeness) of the best and worst performing districts**



**Figure 3: Normal channel of malaria compared to the cases in week 40, 2015 in Apac district.** Number of cases approaching the expected number (normal channel)



**Figure 5: Weekly Malaria Cases & Reporting rate in 10 Outbreak/ former IRS Districts in Northern Uganda**

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**Summary table for epidemiological reports received for week ending 4th October 2015**

**(Numbers in brackets indicate deaths)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District** | **% of H/U**  **reporting** | **AFP** | **Animal bites** | **Cholera** | **Dysentery** | **Guinea**  **Worm** | **Malaria** | | | **Measles** | **Meningitis** | **NNT** | **Plague** | **Typhoid**  **Fever** |
| Abim | 60 | 0 | 0 | 0 | 4 | 0 | 585 | | | 0 | 0 | 0 | 0 | 0 |
| Adjumani | 49 | 0 | 0 | 0 | 14 | 0 | 2,020 | | | 0 | 0 | 0 | 0 | 0 |
| Agago | 65 | 0 | 4 | 0 | 15 | 0 | 1,179 | | | 0 | 0 | 0 | 0 | 5 |
| Alebtong | 92 | 0 | 3 | 0 | 3 | 0 | 373 | | | 0 | 0 | 0 | 0 | 3 |
| Amolatar | 100 | 0 | 1 | 0 | 1 | 0 | 309 | | | 1 | 0 | 0 | 0 | 16 |
| Amudat | 100 | 0 | 0 | 0 | 13 | 0 | 419 | | | 1 | 0 | 0 | 0 | 1 |
| Amuria | 44 | 0 | 0 | 0 | 0 | 0 | 1,253 | | | 0 | 0 | 0 | 0 | 2 |
| Amuru | 72 | 0 | 0 | 0 | 12 | 0 | 1,410 | | | 0 | 0 | 0 | 0 | 0 |
| Apac | 30 | 0 | 0 | 0 | 0 | 0 | 882 | | | 0 | 0 | 0 | 0 | 0 |
| Arua | 63 | 0 | 3 | 0 | 33 | 0 | 3,765 | | | 0 | 0 | 0 | 0 | 48 |
| Budaka | 100 | 0 | 0 | 0 | 3 | 0 | 1,034 | | | 3 | 0 | 0 | 0 | 0 |
| Bududa | 87 | 0 | 0 | 0 | 1 | 0 |  | 428 |  | 0 | 0 | 0 | 0 | 3 |
| Bugiri | 22 | 0 | 0 | 0 | 1 | 0 | 764 | | | 0 | 0 | 0 | 0 | 8 |
| Buhweju | 47 | 0 | 0 | 0 | 0 | 0 | 97 | | | 5 | 0 | 0 | 0 | 0 |
| Buikwe | 55 | 0 | 5 | 0 | 5 | 0 | 839 | | | 6 | 0 | 0 | 0 | 22 |
| Bukedea | 13 | 0 | 0 | 0 | 1 | 0 | 234 | | | 0 | 0 | 0 | 0 | 0 |
| Bukomansimbi | 41 | 0 | 0 | 0 | 1 | 0 | 161 | | | 0 | 0 | 0 | 0 | 1 |
| Bukwo | 75 | 0 | 4 | 0 | 7 | 0 | 120 | | | 0 | 0 | 0 | 0 | 15 |
| Bulambuli | 95 | 0 | 0 | 0 | 0 | 0 | 818 | | | 0 | 0 | 0 | 0 | 0 |
| Buliisa | 64 | 0 | 0 | 0 | 3 | 0 | 433 | | | 0 | 0 | 0 | 0 | 2 |
| Bundibugyo | 87 | 0 | 0 | 0 | 11 | 0 | 1,970 | | | 0 | 0 | 0 | 0 | 27 |
| Bushenyi | 46 | 0 | 7 | 0 | 0 | 0 | 514(1) | | | 1 | 0 | 0 | 0 | 41 |
| Busia | 52 | 0 | 1 | 0 | 5 | 0 | 2,279 | | | 0 | 0 | 0 | 0 | 22 |
| Butaleja | 46 | 0 | 0 | 0 | 9 | 0 | 656 | | | 0 | 0 | 0 | 0 | 3 |
| Butambala | 48 | 0 | 0 | 0 | 5 | 0 | 163 | | | 12 | 0 | 0 | 0 | 1 |
| Buvuma | 18 | 0 | 0 | 0 | 0 | 0 | 45 | | | 0 | 0 | 0 | 0 | 0 |
| Buyende | 64 | 0 | 0 | 0 | 0 | 0 | 286 | | | 0 | 0 | 0 | 0 | 0 |
| Dokolo | 100 | 0 | 1 | 0 | 3 | 0 | 685 | | | 0 | 0 | 0 | 0 | 8 |
| Gomba | 100 | 0 | 0 | 0 | 2 | 0 | 431 | | | 0 | 0 | 0 | 0 | 0 |
| Gulu | 51 | 0 | 4 | 0 | 30 | 0 | 4,507 | | | 1 | 0 | 0 | 0 | 34 |
| Hoima | 37 | 0 | 5 | 0 | 18 | 0 | 834(1) | | | 10 | 0 | 0 | 0 | 32 |
| Ibanda | 26 | 0 | 1 | 0 | 0 | 0 | 643 | | | 1 | 0 | 0 | 0 | 0 |
| Iganga | 46 | 0 | 5 | 0 | 1 | 0 | 2822(1) | | | 0 | 0 | 0 | 0 | 0 |
| Isingiro | 80 | 0 | 0 | 0 | 6 | 0 | 1,135 | | | 4 | 0 | 0 | 0 | 25 |
| Jinja | 28 | 0 | 5 | 0 | 11 | 0 | 2179(4) | | | 0 | 0 | 0 | 0 | 10 |
| Kaabong | 74 | 0 | 1 | 0 | 26 | 0 | 1,305 | | | 0 | 0 | 0 | 0 | 16 |
| Kabale | 62 | 0 | 2 | 0 | 0 | 0 | 137 | | | 0 | 0 | 0 | 0 | 0 |
| Kabarole | 59 | 0 | 5 | 0 | 6 | 0 | 1629(1) | | | 6 | 0 | 0 | 0 | 19 |
| Kaberamaido | 28 | 0 | 0 | 0 | 2 | 0 | 238 | | | 0 | 0 | 0 | 0 | 0 |
| Kalangala | 65 | 0 | 0 | 0 | 6 | 0 | 226 | | | 1 | 0 | 0 | 0 | 6 |
| Kaliro | 48 | 0 | 0 | 0 | 0 | 0 | 1,064 | | | 0 | 0 | 0 | 0 | 3 |
| Kalungu | 41 | 0 | 0 | 0 | 0 | 0 | 218 | | | 1 | 0 | 0 | 0 | 0 |
| Kampala | 30 | 1 | 30 | 0 | 5 | 0 | 1,146 | | | 15 | 0 | 0 | 0 | 216 |
| Kamuli | 46 | 0 | 5 | 0 | 8 | 0 | 2,246 | | | 3 | 0 | 0 | 0 | 6 |
| Kamwenge | 52 | 0 | 1 | 0 | 5 | 0 | 1,210 | | | 12 | 0 | 0 | 0 | 5 |
| Kanungu | 83 | 0 | 0 | 0 | 4 | 0 | 665 | | | 7 | 0 | 0 | 0 | 34 |
| Kapchorwa | 50 | 0 | 2 | 0 | 5 | 0 | 160 | | | 0 | 0 | 0 | 0 | 3 |
| Kasese | 66 | 0 | 4 | 0 | 23 | 0 | 2128(2) | | | 6 | 0 | 0 | 0 | 14 |
| Katakwi | 35 | 0 | 1 | 0 | 3 | 0 | 1,099 | | | 1 | 0 | 0 | 0 | 0 |
| Kayunga | 44 | 0 | 0 | 0 | 4 | 0 | 598(2) | | | 0 | 0 | 0 | 0 | 0 |

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| **District** | **% of H/U**  **reporting** | **AFP** | **Animal bites** | **Cholera** | **Dysentery** | **Guinea**  **Worm** | **Malaria** | **Measles** | **Meningitis** | **NNT** | **Plague** | **Typhoid**  **Fever** |
| Kibaale | 25 | 0 | 3 | 0 | 12 | 0 | 612 | 4 | 0 | 0 | 0 | 37 |
| Kiboga | 50 | 0 | 0 | 0 | 0 | 0 | 206 | 5 | 0 | 0 | 0 | 16 |
| Kibuku | 73 | 0 | 0 | 0 | 1 | 0 | 661 | 4 | 0 | 0 | 0 | 0 |
| Kiruhura | 44 | 0 | 0 | 0 | 0 | 0 | 704 | 4 | 0 | 0 | 0 | 0 |
| Kiryandongo | 58 | 0 | 1 | 0 | 0 | 0 | 1,318 | 0 | 0 | 0 | 0 | 4 |
| Kisoro | 79 | 0 | 0 | 0 | 2 | 0 | 114 | 1 | 0 | 0 | 0 | 3 |
| Kitgum | 71 | 0 | 12 | 0 | 26 | 0 | 3623(3) | 0 | 0 | 0 | 0 | 25 |
| Koboko | 88 | 0 | 2 | 0 | 5 | 0 | 797 | 0 | 0 | 0 | 0 | 1 |
| Kole | 100 | 0 | 3 | 0 | 0 | 0 | 1,548 | 4 | 0 | 0 | 0 | 0 |
| Kotido | 16 | 0 | 0 | 0 | 10 | 0 | 428 | 0 | 0 | 0 | 0 | 27 |
| Kumi | 41 | 0 | 0 | 0 | 5 | 0 | 848 | 0 | 0 | 0 | 0 | 9 |
| Kween | 71 | 0 | 0 | 0 | 6 | 0 | 587 | 0 | 0 | 0 | 0 | 3 |
| Kyankwanzi | 24 | 0 | 0 | 0 | 0 | 0 | 107 | 0 | 0 | 0 | 0 | 0 |
| Kyegegwa | 80 | 0 | 2 | 0 | 1 | 0 | 1123(1) | 1 | 0 | 0 | 0 | 1 |
| Kyenjojo | 34 | 0 | 1 | 0 | 0 | 0 | 460 | 1 | 0 | 0 | 0 | 2 |
| Lamwo | 81 | 0 | 0 | 0 | 0 | 0 | 1,748 | 5 | 0 | 0 | 0 | 0 |
| Lira | 100 | 0 | 2 | 0 | 8 | 0 | 1474(3) | 7 | 0 | 0 | 0 | 15 |
| Luuka | 26 | 0 | 0 | 0 | 0 | 0 | 573 | 0 | 0 | 0 | 0 | 0 |
| Luwero | 50 | 0 | 3 | 0 | 6 | 0 | 887 | 7 | 0 | 0 | 0 | 11 |
| Lwengo | 23 | 0 | 0 | 0 | 1 | 0 | 124 | 2 | 0 | 0 | 0 | 18 |
| Lyantonde | 20 | 0 | 2 | 0 | 0 | 0 | 73 | 0 | 0 | 0 | 0 | 23 |
| Manafwa | 88 | 0 | 2 | 0 | 4 | 0 | 1336(1) | 0 | 0 | 0 | 0 | 2 |
| Maracha | 86 | 0 | 2 | 0 | 5 | 0 | 756(1) | 0 | 0 | 0 | 0 | 18 |
| Masaka | 28 | 0 | 0 | 0 | 2 | 0 | 213 | 2 | 0 | 0 | 0 | 6 |
| Masindi | 47 | 0 | 2 | 0 | 9 | 0 | 759(1) | 0 | 0 | 0 | 0 | 16 |
| Mayuge | 17 | 0 | 0 | 0 | 2 | 0 | 624 | 4 | 0 | 0 | 0 | 0 |
| Mbale | 55 | 0 | 3 | 0 | 2 | 0 | 1344(4) | 5 | 1 | 0 | 0 | 22 |
| Mbarara | 78 | 0 | 6 | 0 | 5 | 0 | 796 | 16 | 1 | 1 | 0 | 31 |
| Mitooma | 33 | 0 | 0 | 0 | 0 | 0 | 292 | 1 | 0 | 0 | 0 | 0 |
| Mityana | 41 | 0 | 7 | 0 | 1 | 0 | 755 | 14 | 0 | 0 | 0 | 0 |
| Moroto | 47 | 0 | 10 | 0 | 3 | 0 | 894 | 0 | 0 | 0 | 0 | 13 |
| Moyo | 98 | 0 | 1 | 0 | 16 | 0 | 4366(1) | 0 | 0 | 0 | 0 | 40 |
| Mpigi | 63 | 0 | 1 | 0 | 5 | 0 | 655 | 0 | 0 | 0 | 0 | 11 |
| Mubende | 5 | 0 | 5 | 0 | 2 | 0 | 122 | 12 | 0 | 0 | 0 | 31 |
| Mukono | 43 | 0 | 0 | 0 | 3 | 0 | 844 | 1 | 0 | 0 | 0 | 9 |
| Nakapiripirit | 77 | 0 | 1 | 0 | 14 | 0 | 1,243 | 1 | 0 | 0 | 0 | 24 |
| Nakaseke | 75 | 0 | 8 | 0 | 5 | 0 | 649 | 5 | 0 | 0 | 0 | 57 |
| Nakasongola | 17 | 0 | 2 | 0 | 1 | 0 | 104 | 0 | 0 | 0 | 0 | 0 |
| Namayingo | 13 | 0 | 0 | 0 | 3 | 0 | 237 | 1 | 0 | 0 | 0 | 0 |
| Namutumba | 35 | 0 | 1 | 0 | 4 | 0 | 1,201 | 3 | 0 | 0 | 0 | 0 |
| Napak | 64 | 0 | 5 | 0 | 10 | 0 | 933 | 0 | 1 | 0 | 0 | 0 |
| **National** | **56** | **7 (0)** | **240 (0)** | **0** | **610**  **(2)** | **0** | **108650 (43)** | **242**  **(0)** | **4 (0)** | **1 (0)** | **0** | **1291**  **(2)** |
| Nebbi | 77 | 0 | 15 | 0 | 28 | 0 | 2615(4) | 8 | 0 | 0 | 0 | 10 |
| Ngora | 58 | 0 | 0 | 0 | 0 | 0 | 474 | 0 | 0 | 0 | 0 | 0 |
| Ntoroko | 44 | 0 | 0 | 0 | 4 | 0 | 40 | 1 | 0 | 0 | 0 | 0 |
| Ntungamo | 34 | 0 | 5 | 0 | 1 | 0 | 363 | 0 | 0 | 0 | 0 | 2 |
| Nwoya | 72 | 0 | 0 | 0 | 0 | 0 | 644 | 0 | 0 | 0 | 0 | 0 |
| Otuke | 73 | 0 | 1 | 0 | 4 | 0 | 515 | 7 | 0 | 0 | 0 | 2 |
| Oyam | 55 | 0 | 11 | 0 | 5 | 0 | 1,504 | 0 | 0 | 0 | 3 | 2 |
| Pader | 41 | 0 | 1 | 0 | 4 | 0 | 1,172 | 0 | 0 | 0 | 0 | 1 |
| Pallisa | 64 | 0 | 0 | 0 | 4 | 0 | 1,727 | 1 | 0 | 0 | 0 | 18 |
| Rakai | 51 | 0 | 1 | 0 | 4 | 0 | 936(1) | 2 | 0 | 0 | 0 | 8 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **District** | **% of H/U**  **reporting** | **AFP** | **Animal bites** | **Cholera** | **Dysentery** | **Guinea**  **Worm** | **Malaria** | | | **Measles** | **Meningitis** | **NNT** | **Plague** | **Typhoid**  **Fever** |
| Rubirizi | 67 | 0 | 1 | 0 | 1 | 0 | 435 | | | 0 | 0 | 0 | 0 | 2 |
| Rukungiri | 40 | 0 | 2 | 0 | 0 | 0 | 678 | | | 0 | 0 | 0 | 0 | 13 |
| Sembabule | 33 | 0 | 0 | 0 | 1 | 0 | 462(7) | | | 0 | 0 | 0 | 0 | 24 |
| Serere | 67 | 0 | 1 | 0 | 6 | 0 | 1086(1) | | | 0 | 1 | 0 | 0 | 1 |
| Sheema | 77 | 0 | 0 | 0 | 0 | 0 | 572 | | | 0 | 0 | 0 | 0 | 0 |
| Sironko | 70 | 0 | 1 | 0 | 0 | 0 | 1,417 | | | 3 | 0 | 0 | 0 | 0 |
| Soroti | 32 | 0 | 5 | 0 | 7 | 0 | 1583(2) | | | 3 | 0 | 0 | 0 | 22 |
| Tororo | 65 | 0 | 3 | 0 | 11 | 0 | 1,019 | | | 0 | 0 | 0 | 0 | 5 |
| Wakiso | 20 | 0 | 1 | 0 | 4 | 0 | 1,227 | | | 10 | 5 | 0 | 0 | 41 |
| Yumbe | 96 | 0 | 3 | 0 | 18 | 0 | 2959(1) | | | 0 | 0 | 0 | 0 | 12 |
| Zombo | 95 | 0 | 2 | 0 | 14 | 0 |  | 743 |  | 0 | 0 | 0 | 0 | 2 |

**Key:** Yellow: 100% reporting, Green: 80-99% reporting, Red: Below 80% reporting

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

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