

**Summary Table**



|  |  |  |
| --- | --- | --- |
| **Indicator** | **Week 18**  **2015** | **Week**  **19 2015** |
| % Districts | 100 | 100 |
| Ave % HU | 60 | 62 |
| % Timely reports | 77 | 77 |
| AFP | 5(0) | 0(0) |
| Rabies | 441(0) | 537(0) |
| Cholera | 37(0) | 15(0) |
| Dysentery | 1154(0) | 1347(1) |
| Guinea  Worm | 1(0) | 2(0) |
| Malaria | 135302  (67) | 164160  (37) |
| Measles | 295(1) | 268(0) |
| Meningitis | 6(1) | 14(1) |
| NNT | 0(0) | 1(1) |
| Plague | 0(0) | 0(0) |
| Typhoid | 1762(9) | 1884(1) |

**Completeness of Reporting**

All districts (100%) reported and 62% (2290 of 3833) of the health units submitted reports this week. **Districts with 80% or more of the health units reporting were 32** (highlighted in yellow in summary table)**. Moyo, Butambala, Koboko, Zombo and Nwoya** had  **100%** completeness. Kampala slightly improved from 8% to

13% and Pader, had 6% of the units reporting; followed by Namayingo and Mubende with less than 20% (districts with <50% are highlighted in pink).

**Timeliness**

At national level, 77% (1848 out of

2396) health facilities submitted timely reports. Up to 52 districts had 80-100% of their facilities reporting timely.

**Epidemiological week 19 0f 2015 [3rd May - 9th May 2015] Disease Outbreaks**

**Typhoid fever:** The typhoid fever outbreak started in week 48, 2014 in Kampala district. By 15th May, **13,809 typhoid** cases had been recorded at in six treatment centres. **The majority of cases resided in Makindye and Rubaga divisions (Figure 1).** The analysis of the daily records at the treatment centres reveals reduction in numbers (**Figure 2**). From analysis of the line lists,  **7554 cases were meeting the case definition.** This week, **28 districts** reported cases exceeding the epidemic threshold of 20 cases per week and higher numbers were reported in Kampala, Wakiso, Gulu, Arua and Kibaale. Mubende however, reported 1 death. Teams that went to verify high number of typhoid cases reported in selected districts returned, are analyzing data and will present findings next week.

**Cholera**: In **Kasese** district, the cholera treatment centre at Bwera Hospital reported 15 cases caused by *Vibrio cholera inaba* and 0 deaths but **Bundibugyo** had no case this week. The cholera outbreak in Kasese started on **14/03/2015. By 21st May, 98 cases 1 death (CFR 1.0%)** had been reported (**Figure 3**). Majority of the cases were from **Mpondwe MLTC (23), Ihandiro (20), Karambi (17) and Kitholho (9)** sub-counties. The national response team and some

partners are in the district supporting control activities.

**Measles:** This week, **54 districts** reported at least one case but **90%** of the samples submitted to UVRI were **Rubella positive**, only 10% were measles. Nakaseke, Mityana, Kabarole, Rukungiri, Nakasongola, rakai and Kasese reported ten or more cases and Bukwo had one death. Over 50% of lab confirmed measles cases are not vaccinated - this includes both zero **doses and unknown vaccination status. There is a planned national campaign in August 2015.**

**Other priority diseases**

**AFP:** No case was reported.

**Rabies:** Eighty three districts reported cases of animal bites as a proxy for rabies. Districts with 10 cases or more were 14. The highest number of animal bites was reported from Hoima district (50 cases) and Kampala with (47 cases). Districts which had ten or more cases were 16.

**Dysentery**: This week, 101 districts reported at least a case of dysentery and of these, 45 districts with 10 or more cases. These districts are required to conduct detailed **laboratory investigation** to rule out epidemic dysentery due to ***Shigella.***

**Malaria:** Although the deaths reduced by 45% the cases increased by 21%. Districts with more than 3000 cases this week were: Arua (6873), Nebbi (4632), Kasese (4250), Iganga (4033), Wakiso (3931), Yumbe (3977), Moyo (3713), Hoima (3689) and Mbale (3023). Of the 213547 suspected cases, 172211 (81%) were tested for RDT and 32677 (15%) were tested using microscopy. Malaria testing rate is consistently high, matching the suspected cases **(Figure 4).**

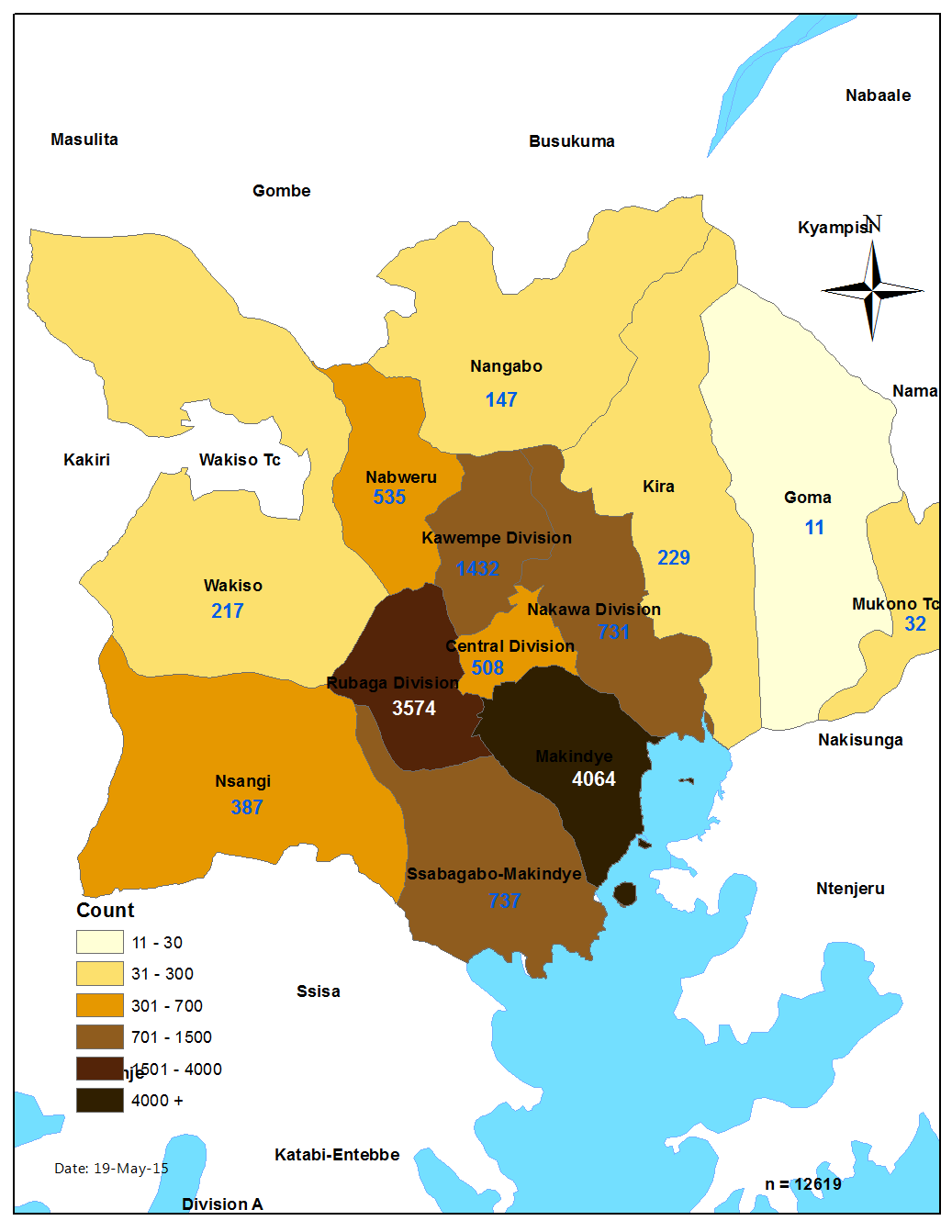
**Meningitis:** The number of cases of Meningitis has increased from 6 cases in week 18 to 78 in week 19. The highest number of cases (64 cases) was reported from Hoima district. There is need to verify from Hoima district that these were actually meningitis cases. Gulu district reported 6 cases.

**Neonatal tetanus:** One case and death was reported in Tororo district.

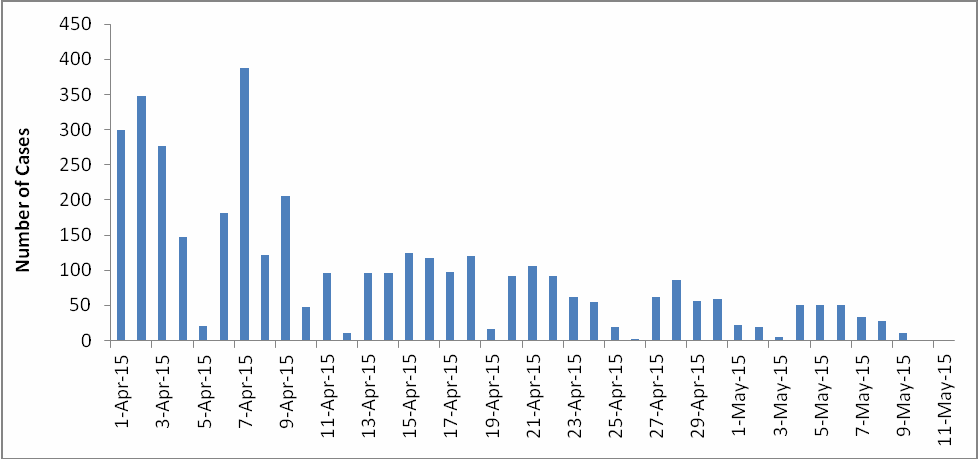
**Human Influenza:** The UVRI National Influenza Centre data from sentinel surveillance sites for ILI shows that 14 samples were collected during week 19 but none was positive.

**Guinea worm: Two suspicious cases were reported in Kampala and Kayunga Districts.** The Guinea Worm control program was informed to investigate because these districts are not endemic area. Last week’s results from the case investigated were negative.

**Maternal deaths:** In week 19, 2326 out of 3835 (61%) health facilities reported about maternal deaths. Up to 21 deaths were reported by 11 facilities and of these, Kitayunjwa HC III had 10 cases. This week, 16 perinatal deaths were reported in 6 facilities.



**Figure 1: Typhoid cases treated in Kampala treatment centres by division of residence**



**Figure 2: Number of typhoid cases treated in Kampala district from 1st April to 11th May, 2015**

**CHOLERA CASES AND DEATHS IN BWERA CTC: 1ST MAR - 21 MAY 2015**

**20**

**18**

**16**

**14**

**12**

**10 Cases**

**Deaths**

**8**

**6**

**4**

**2**

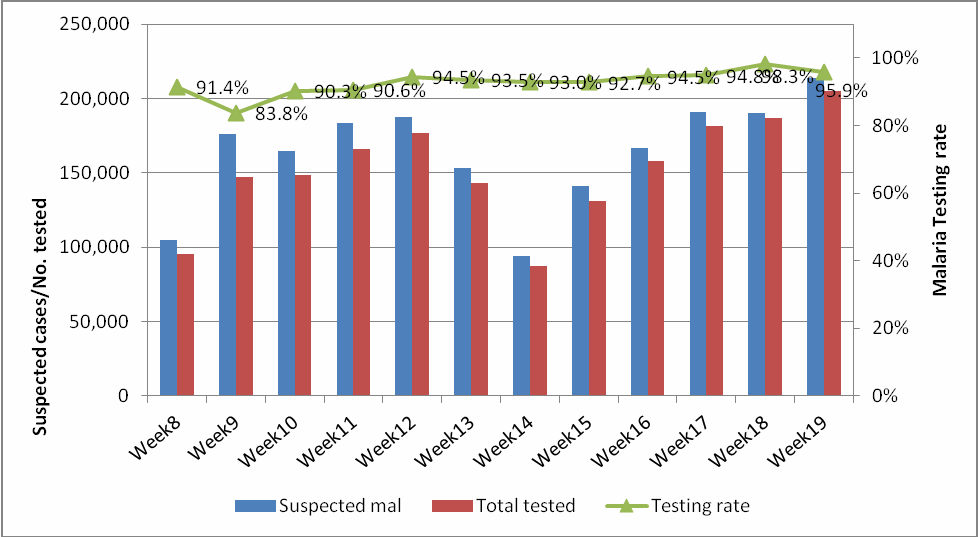
**0**

Mar 1-7 Mar 8-14 Mar 15-21 Mar 22-28 Mar 29-Apr Apr 5-11 Apr 12-18 Apr 19-25 Apr 26-May

May 3-9 May 10-16 May 17-23 May 24-30

4 2

**Figure 3: Cholera cases treated at Bwera Hospital in Kasese District week 19, 2015**



**Figure 4: Trend of malaria testing rate among suspected cases from week 8 to week 19, 2015**

**Summary table for epidemiological reports received for week ending 9th May 2015**

**(Numbers in brackets indicate deaths)**

Abim 95 0 0 0 12 0 842 0 0 0 0 1

**District**

**% of H/U**

**reporting**

**AFP**

**Animal bite (Suspected Rabies)**

**Cholera**

**Dysentery**

**Guinea**

**Worm**

**Malaria**

**Measles**

**Meningitis**

**NNT**

**Plague**

**Typhoid**

**Fever**

Adjumani 71 0 3 0 23 0 2341(1) 0 1 0 0 1

Agago 88 0 2 0 14 0 457 0 0 0 0 6

Alebtong 71 0 0 0 3 0 416 0 0 0 0 0

Amolatar 77 0 2 0 2 0 409 0 0 0 0 3

Amudat 75 0 0 0 11 0 722 0 0 0 0 4

Amuria 74 0 6 0 1 0 2088 0 0 0 0 4

Amuru 52 0 0 0 4 0 1402 0 0 0 0 4

Apac 66 0 2 0 1 0 1563 0 0 0 0 0

Arua 96 0 12 0 26 0 6873(1) 2 0 0 0 81

Budaka 44 0 0 0 1 0 1335(2) 0 0 0 0 1

Bududa 87 0 0 0 10 0 1475(1) 0 0 0 0 7

Bugiri 35 0 4 0 2 0 1461 0 0 0 0 0

Buhweju 47 0 0 0 0 0 102 0 0 0 0 0

Buikwe 40 0 7 0 19 0 1473 6 0 0 0 30

Bukedea 55 0 0 0 3 0 389 0 0 0 0 2

Bukomansimbi 77 0 0 0 1 0 485 0 0 0 0 6

Bukwo 88 0 14 0 37 0 618 0 0 0 0 62

Bulambuli 75 0 0 0 2 0 1178 0 0 0 0 0

Buliisa 90 0 0 0 2 0 783 0 0 0 0 10

Bundibugyo 75 0 6 0 14 0 1848 0 0 0 0 11

Bushenyi 49 0 9 0 1 0 913 1 0 0 0 8

Busia 50 0 5 0 16 0 2699 2 0 0 0 22

Butaleja 67 0 2 0 13 0 2644 0 0 0 0 2

Butambala 100 0 3 0 7 0 1054 7 0 0 0 31

Buvuma 46 0 3 0 2 0 165 0 0 0 0 1

Buyende 85 0 0 0 2 0 889 0 0 0 0 0

Dokolo 81 0 1 0 3 0 1010 0 0 0 0 2

Gomba 67 0 3 0 6 0 545 0 0 0 0 1

Gulu 73 0 14 0 54 0 2522 1 6 0 0 70

Hoima 94 0 18 0 243 0 3689(2) 7 64 0 0 64

Ibanda 44 0 0 0 0 0 1959(1) 0 0 0 0 3

Iganga 55 0 1 0 3 0 4033(3) 0 0 0 0 3

Isingiro 79 0 1 0 2 0 1810 0 0 0 0 32

Jinja 27 0 7 0 6 0 1360 1 0 0 0 19

Kaabong 82 0 16 0 44 0 2367(1) 1 0 0 0 18

Kabale 85 0 8 0 0 0 307(1) 0 0 0 0 0

Kabarole 77 0 10 0 6 0 2585(6) 18 0 0 0 31

Kaberamaido 24 0 0 0 2 0 362 0 1(1) 0 0 2

Kalangala 46 0 0 0 3 0 68 0 0 0 0 4

Kaliro 50 0 0 0 1 0 1272 0 0 0 0 7

Kalungu 40 0 2 0 3 0 403 5 1 0 0 10

Kampala 13 0 49 0 22 1 2141 18 0 0 0 278

Kamuli 51 0 13 0 7 0 2731(1) 0 0 0 0 4

Kamwenge 56 0 0 0 4 0 1359(4) 4 0 0 0 3

Kanungu 54 0 2 0 3 0 650 3 0 0 0 36

Kapchorwa 88 0 14 0 29 0 781 0 0 0 0 2

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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 | 88 | 0 | 2 | 15 | 6 | 0 | 4250 | 10 | 0 | 0 | 0 | 14 |
| Katakwi | 55 | 0 | 1 | 0 | 0 | 0 | 1714 | 0 | 0 | 0 | 0 | 0 |
| Kayunga | 92 | 0 | 6 | 0 | 19 | 1 | 2073(1) | 12 | 0 | 0 | 0 | 9 |
| Kibaale | 69 | 0 | 0 | 0 | 21 | 0 | 1793 | 10 | 0 | 0 | 0 | 70 |
| Kiboga | 54 | 0 | 1 | 0 | 1 | 0 | 318 | 2 | 0 | 0 | 0 | 12 |
| Kibuku | 62 | 0 | 2 | 0 | 3 | 0 | 1429 | 1 | 0 | 0 | 0 | 0 |
| Kiruhura | 79 | 0 | 9 | 0 | 3 | 0 | 1914 | 7 | 0 | 0 | 0 | 1 |
| Kiryandongo | 76 | 0 | 1 | 0 | 10 | 0 | 1637 | 5 | 0 | 0 | 0 | 6 |
| Kisoro | 95 | 0 | 0 | 0 | 0 | 0 | 255 | 2 | 0 | 0 | 0 | 6 |
| Kitgum | 62 | 0 | 20 | 0 | 19 | 0 | 1572 | 0 | 0 | 0 | 0 | 37 |
| Koboko | 100 | 0 | 1 | 0 | 12 | 0 | 2573 | 2 | 0 | 0 | 0 | 0 |
| Kole | 83 | 0 | 2 | 0 | 2 | 0 | 505 | 2 | 0 | 0 | 0 | 0 |
| Kotido | 47 | 0 | 1 | 0 | 109 | 0 | 952 | 0 | 0 | 0 | 0 | 59 |
| Kumi | 68 | 0 | 0 | 0 | 5 | 0 | 2041(2) | 0 | 0 | 0 | 0 | 25 |
| Kween | 77 | 0 | 7 | 0 | 4 | 0 | 522 | 0 | 0 | 0 | 0 | 3 |
| Kyankwanzi | 50 | 0 | 0 | 0 | 8 | 0 | 473 | 1 | 0 | 0 | 0 | 19 |
| Kyegegwa | 80 | 0 | 0 | 0 | 0 | 0 | 1208 | 3 | 0 | 0 | 0 | 4 |
| Kyenjojo | 58 | 0 | 5 | 0 | 11 | 0 | 668 | 6 | 0 | 0 | 0 | 11 |
| Lamwo | 90 | 0 | 0 | 0 | 0 | 0 | 571 | 0 | 0 | 0 | 0 | 0 |
| Lira | 44 | 0 | 1 | 0 | 6 | 0 | 730 | 2 | 0 | 0 | 0 | 7 |
| Luuka | 32 | 0 | 1 | 0 | 0 | 0 | 782 | 0 | 0 | 0 | 0 | 1 |
| Luwero | 44 | 0 | 4 | 0 | 11 | 0 | 1447 | 13 | 0 | 0 | 0 | 54 |
| Lwengo | 30 | 0 | 3 | 0 | 2 | 0 | 247 | 8 | 0 | 0 | 0 | 15 |
| Lyantonde | 41 | 0 | 0 | 0 | 3 | 0 | 633 | 2 | 0 | 0 | 0 | 20 |
| Manafwa | 83 | 0 | 4 | 0 | 3 | 0 | 2406(2) | 0 | 0 | 0 | 0 | 23 |
| Maracha | 86 | 0 | 0 | 0 | 21 | 0 | 2397(1) | 0 | 0 | 0 | 0 | 21 |
| Masaka | 52 | 0 | 0 | 0 | 4 | 0 | 723 | 5 | 0 | 0 | 0 | 1 |
| Masindi | 74 | 0 | 3 | 0 | 13 | 0 | 1726 | 3 | 0 | 0 | 0 | 12 |
| Mayuge | 71 | 0 | 0 | 0 | 21 | 0 | 2954 | 0 | 0 | 0 | 0 | 2 |
| Mbale | 80 | 0 | 9 | 0 | 11 | 0 | 3023 | 1 | 0 | 0 | 0 | 14 |
| Mbarara | 88 | 0 | 50 | 0 | 8 | 0 | 1376 | 4 | 0 | 0 | 0 | 44 |
| Mitooma | 56 | 0 | 3 | 0 | 0 | 0 | 825 | 0 | 0 | 0 | 0 | 0 |
| Mityana | 60 | 0 | 1 | 0 | 10 | 0 | 1770 | 9 | 0 | 0 | 0 | 1 |
| Moroto | 86 | 0 | 0 | 0 | 30 | 0 | 917 | 0 | 2 | 0 | 0 | 5 |
| Moyo | 100 | 0 | 3 | 0 | 13 | 0 | 3713 | 0 | 0 | 0 | 0 | 43 |
| Mpigi | 72 | 0 | 16 | 0 | 2 | 0 | 1041 | 0 | 0 | 0 | 0 | 25 |
| Mubende | 16 | 0 | 9 | 0 | 5(1) | 0 | 307(2) | 4 | 0 | 0 | 0 | 46(1  ) |
| Mukono | 56 | 0 | 15 | 0 | 5 | 0 | 1976 | 0 | 0 | 0 | 0 | 8 |
| Nakapiripirit | 88 | 0 | 3 | 0 | 23 | 0 | 1526 | 0 | 0 | 0 | 0 | 8 |
| Nakaseke | 83 | 0 | 0 | 0 | 17 | 0 | 1039 | 28 | 2 | 0 | 0 | 58 |
| Nakasongola | 30 | 0 | 0 | 0 | 16 | 0 | 290 | 8 | 0 | 0 | 0 | 14 |
| Namayingo | 17 | 0 | 4 | 0 | 5 | 0 | 665 | 1 | 0 | 0 | 0 | 1 |
| Namutumba | 36 | 0 | 47 | 0 | 7 | 0 | 1732 | 1 | 0 | 0 | 0 | 4 |
| Napak | 92 | 0 | 2 | 0 | 19 | 0 | 626 | 0 | 0 | 0 | 0 | 0 |
| Nebbi | 100 | 0 | 1 | 0 | 42 | 0 | 4632(2) | 0 | 0 | 0 | 0 | 27 |
| Ngora | 50 | 0 | 1 | 0 | 2 | 0 | 738 | 0 | 0 | 0 | 0 | 0 |
| Ntoroko | 44 | 0 | 13 | 0 | 4 | 0 | 239 | 0 | 0 | 0 | 0 | 4 |

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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** |
| Ntungamo | 49 | 0 | 1 | 0 | 1 | 0 | 532 | 0 | 0 | 0 | 0 | 5 |
| Nwoya | 100 | 0 | 1 | 0 | 6 | 0 | 1366 | 0 | 0 | 0 | 0 | 0 |
| Otuke | 92 | 0 | 8 | 0 | 5 | 0 | 342 | 0 | 0 | 0 | 0 | 4 |
| Oyam | 68 | 0 | 11 | 0 | 23 | 0 | 1039(2) | 0 | 1 | 0 | 0 | 4 |
| Pader | 6 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 |
| Pallisa | 57 | 0 | 0 | 0 | 3 | 0 | 1865 | 0 | 0 | 0 | 0 | 2 |
| Rakai | 31 | 0 | 1 | 0 | 7 | 0 | 1343(7) | 9 | 0 | 0 | 0 | 7 |
| Rubirizi | 65 | 0 | 1 | 0 | 0 | 0 | 833 | 0 | 0 | 0 | 0 | 6 |
| Rukungiri | 54 | 0 | 3 | 0 | 2 | 0 | 1350(1) | 12 | 0 | 0 | 0 | 6 |
| Sembabule | 79 | 0 | 17 | 0 | 16 | 0 | 1376 | 0 | 0 | 0 | 0 | 42 |
| Serere | 64 | 0 | 3 | 0 | 6 | 0 | 1626 | 0 | 0 | 0 | 0 | 0 |
| Sheema | 56 | 0 | 1 | 0 | 1 | 0 | 881 | 1 | 0 | 0 | 0 | 0 |
| Sironko | 66 | 0 | 3 | 0 | 1 | 0 | 2019 | 0 | 0 | 0 | 0 | 0 |
| Soroti | 74 | 0 | 3 | 0 | 12 | 0 | 2545 | 0 | 0 | 0 | 0 | 42 |
| Tororo | 56 | 0 | 1 | 0 | 5 | 0 | 2278 | 0 | 0 | 1(1) | 0 | 15 |
| Wakiso | 54 | 0 | 0 | 0 | 29 | 0 | 3931 | 18 | 0 | 0 | 0 | 115 |
| Yumbe | 96 | 0 | 0 | 0 | 12 | 0 | 3977 | 0 | 0 | 0 | 0 | 10 |
| Zombo | 95 | 0 | 0 | 0 | 12 | 0 | 1281 | 0 | 0 | 0 | 0 | 6 |
| National | 62 | 0 | 537(0) | 15  (0) | 1347 (1) | 2(0) | 164160(37) | 268 (0) | 78 (1) | 1(1) | 0 (0) | 1884 (1) |

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

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