

**National Disease Summary**



|  |  |  |
| --- | --- | --- |
| **Indicator** | **Week**  **14**  **2015** | **Week**  **15**  **2015** |
| % Districts | 100 | 100 |
| Ave % HU | 41 | 57 |
| % Timely reports | 100 | 100 |
| AFP | 2(0) | 6 (0) |
| Rabies | 220(0) | 319(0) |
| Cholera | 10(0) | 7(0) |
| Dysentery | 1073(0) | 1064(0) |
| Guinea  Worm | 0(0) | 0(0) |
| Malaria | 70281 (23) | 91467 (37) |
| Measles | 167(1) | 242(0) |
| Meningitis | 1(0) | 0(0) |
| NNT | 0(0) | 0(0) |
| Plague | 0(0) | 0(0) |
| Typhoid | 998(0) | 2381(4) |

**Completeness of Reporting**

All districts (100%) had at least one health facility reporting through the mTrac system. There was improvement in reporting completeness, by health units reporting from 41% in week 14 to 57% in week15. Compared to week 14, up to

**27 districts had 80% or more completeness** (highlighted in yellow in

summary table). **Dokolo, Maracha, Moyo, Otuke and Zombo** had **100%**

of the health units reporting. Generally, the districts in the northern region have better reporting rates and the central region districts have the worst.

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**Epidemiological week 15 0f 2015 [6-12 April 2015] Disease Outbreaks**



**Typhoid:** 21 districts reported more than 20 cases this week but Wakiso (130) and Kampala (1003) reported the highest numbers. Up to 12,013 cases have been recorded at the six treatment centres in Kampala (Kisenyi, Komamboga, Kawaala, Kitebi Kiswa and Kisugu). Up to 49 isolates of *Salmonella typhi* have been obtained from the stool and blood samples since the outbreak started and one isolate was obtained from a contaminated water source. Drug sensitivity tests on 20/26 (77%) isolates have revealed reduced sensitivity to Ciprofloxacin and 1/26 reduced sensitivity to Ceftriaxone.

**Cholera**: The outbreak started on **14/03/2015 in Kasese** District and cases are treated at Bwera Hospital. By 21/04/2015, there were 58 cases (52% male and 48% females) and 1 death (**CFR 1.7%).** The average age of patients is 23.7 years, median 22 years; and the age range was 1 – 90 years. Out of 38 stool samples collected & processed at Bwera Hospital laboratory, 34 were positive and *Vibrio cholera inaba* was isolated. **Mpondwe MLTC (Nyabugando Parish,**

**19), Karambi (9) and Kitholho (8)** were the most affected sub- counties. There were 3 cases from DRC.

**Other priority diseases**

**AFP:** Only one case was reported in Butambala district.

**Rabies:** Up to 72 districts reported at least one case of animal bites as a proxy for rabies. 8 districts reported ten or more cases, with Kampala and Wakiso reporting the highest cases.

**Dysentery**: **Kampala, Hoima, Kayunga, Nebbi, Agago** and **Gulu**

districts reported more than 30 cases.

**Malaria:** The increased cases reported matched the increase in reporting rates by health units. Districts with more than 2000 cases this week were Kasese (3569), Wakiso (2925), Iganga (2678), Arua (2412) and Kabarole (20135). Despite the current rains and past epidemiology, there is significant reduction in cases reported in Lira (**425 cases**, 37% HU reporting) and Apac (**574 cases**, 69% HU reporting) districts.

**Measles:** This week, **278 cases** were reported; and Kibaale, Mubende, Kasese, Mpigi, Kyenjojo, Nakaseke, Kabarole, Mbarara, Wakiso and Kampala districts reported **ten or more cases.**

**Neonatal Tetanus:** No case was reported this week.

**Guinea Worm:** No case was reported this week.

**Plague:** No case was reported this week.

**Editorial:** *Dr. M. Musenero*, *Mr. M. Mugagga, Dr. J. Wamala, Dr. Issa Makumbi , Dr. R. Musoke, Dr. J. Sekajugo, Dr. F. Adatu, Dr. Immy Nabukenya,* **Founders:***Dr. Jimmy Kamugisha (RIP), Dr. J. Wanyana, Dr. M. Lamunu, Dr. C. Mugero Dr. N Ndayimirigye Mr. L. Luswa (RIP), Dr. N. Bakyaita, Mr. M. Mugagga*

**Summary table for epidemiological reports received for week ending 12th April 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 | 58 | 0 | 0 | 0 | 13 | 0 | 320 | 0 | 0 | 0 | 0 | 1 |
| Adjumani | 63 | 0 | 0 | 0 | 23 | 0 | 931 | 0 | 0 | 0 | 0 | 0 |
| Agago | 82 | 0 | 1 | 0 | 32 | 0 | 316 | 0 | 0 | 0 | 0 | 1 |
| Alebtong | 50 | 0 | 0 | 0 | 1 | 0 | 191 | 0 | 0 | 0 | 0 | 0 |
| Amolatar | 58 | 0 | 0 | 0 | 8 | 0 | 353 | 0 | 0 | 0 | 0 | 2 |
| Amudat | 88 | 0 | 0 | 0 | 17 | 0 | 258(1) | 0 | 0 | 0 | 0 | 5 |
| Amuria | 56 | 0 | 2 | 0 | 0 | 0 | 926 | 1 | 0 | 0 | 0 | 1 |
| Amuru | 71 | 0 | 0 | 0 | 18 | 0 | 294 | 0 | 0 | 0 | 0 | 3 |
| Apac | 69 | 0 | 2 | 0 | 0 | 0 | 574 | 0 | 0 | 0 | 0 | 0 |
| Arua | 78 | 0 | 8 | 0 | 22 | 0 | 2412(1) | 7 | 3 | 0 | 0 | 58 |
| Budaka | 31 | 0 | 0 | 0 | 0 | 0 | 534 | 1 | 0 | 0 | 0 | 1 |
| Bududa | 87 | 0 | 0 | 0 | 9 | 0 | 706 | 1 | 0 | 0 | 0 | 5 |
| Bugiri | 16 | 0 | 4 | 0 | 3 | 0 | 612 | 0 | 0 | 0 | 0 | 21 |
| Buhweju | 53 | 0 | 0 | 0 | 0 | 0 | 172 | 0 | 0 | 0 | 0 | 0 |
| Buikwe | 46 | 0 | 4 | 0 | 10 | 0 | 1052 | 3 | 0 | 0 | 0 | 19 |
| Bukedea | 36 | 0 | 0 | 0 | 3 | 0 | 164 | 0 | 0 | 0 | 0 | 8 |
| Bukomansimbi | 82 | 0 | 0 | 0 | 1 | 0 | 291 | 7 | 0 | 0 | 0 | 6 |
| Bukwo | 80 | 0 | 4 | 0 | 22 | 0 | 372 | 0 | 0 | 0 | 0 | 39 |
| Bulambuli | 85 | 0 | 1 | 0 | 0 | 0 | 596 | 0 | 0 | 0 | 0 | 0 |
| Buliisa | 90 | 0 | 2 | 0 | 8 | 0 | 476 | 0 | 0 | 0 | 0 | 5 |
| Bundibugyo | 64 | 0 | 1 | 0 | 18 | 0 | 1286 | 0 | 0 | 0 | 0 | 19 |
| Bushenyi | 54 | 0 | 5 | 0 | 2 | 0 | 826 | 1 | 0 | 0 | 0 | 6 |
| Busia | 43 | 0 | 1 | 0 | 6 | 0 | 1522 | 0 | 0 | 0 | 0 | 10 |
| Butaleja | 63 | 0 | 1 | 0 | 11 | 0 | 1931(1) | 1 | 0 | 0 | 0 | 3 |
| Butambala | 91 | 1 | 2 | 0 | 3 | 0 | 580 | 2 | 0 | 0 | 0 | 17 |
| Buvuma | 55 | 0 | 0 | 0 | 5 | 0 | 196 | 0 | 0 | 0 | 0 | 0 |
| Buyende | 70 | 0 | 2 | 0 | 0 | 0 | 607 | 0 | 0 | 0 | 0 | 0 |
| Dokolo | 100 | 0 | 0 | 0 | 1 | 0 | 539(1) | 0 | 0 | 0 | 0 | 4 |
| Gomba | 56 | 0 | 1 | 0 | 0 | 0 | 261 | 0 | 0 | 0 | 0 | 1 |
| Gulu | 71 | 0 | 2 | 0 | 30 | 0 | 558 | 0 | 0 | 0 | 0 | 46 |
| Hoima | 81 | 0 | 10 | 0 | 46 | 0 | 1861(5) | 9 | 0 | 0 | 0 | 67 |
| Ibanda | 52 | 0 | 2 | 0 | 0 | 0 | 1427(1) | 0 | 0 | 0 | 0 | 1 |
| Iganga | 55 | 0 | 4 | 0 | 7 | 0 | 2678 | 0 | 0 | 0 | 0 | 0 |
| Isingiro | 81 | 0 | 0 | 0 | 2 | 0 | 1806 | 0 | 0 | 0 | 0 | 27 |
| Jinja | 33 | 0 | 4 | 0 | 14 | 0 | 1449(3) | 0 | 0 | 0 | 0 | 23 |
| Kaabong | 30 | 0 | 0 | 0 | 8 | 0 | 293 | 0 | 0 | 0 | 0 | 5 |
| Kabale | 80 | 0 | 4 | 0 | 0 | 0 | 253 | 0 | 0 | 0 | 0 | 0 |
| Kabarole | 77 | 0 | 9 | 0 | 6 | 0 | 2035(1) | 25 | 0 | 0 | 0 | 19 |
| Kaberamaido | 19 | 0 | 0 | 0 | 0 | 0 | 272 | 0 | 0 | 0 | 0 | 0 |
| Kalangala | 64 | 0 | 0 | 0 | 2 | 0 | 126 | 1 | 0 | 0 | 0 | 1 |
| Kaliro | 25 | 0 | 0 | 0 | 1 | 0 | 410 | 0 | 0 | 0 | 0 | 0 |
| Kalungu | 75 | 0 | 0 | 0 | 1 | 0 | 239 | 3 | 0 | 0 | 0 | 12 |
| Kampala | 9 | 0 | 0 | 0 | 215 | 0 | 1320 | 10 | 9 | 0 | 0 | 1003 |
| Kamuli | 49 | 0 | 3 | 0 | 4 | 0 | 1780 | 0 | 0 | 0 | 0 | 1 |
| Kamwenge | 58 | 0 | 3 | 0 | 7 | 0 | 1315 | 0 | 0 | 0 | 0 | 2 |
| Kanungu | 59 | 0 | 6 | 0 | 23 | 0 | 676 | 1 | 4 | 0 | 0 | 53 |
| Kapchorwa | 82 | 0 | 6 | 0 | 11 | 0 | 425 | 0 | 0 | 0 | 0 | 2 |
| Kasese | 77 | 0 | 5 | 7(1) | 9 | 0 | 3569(2) | 21 | 0 | 0 | 0 | 22 |
| Katakwi | 59 | 0 | 0 | 0 | 3 | 0 | 634 | 0 | 0 | 0 | 0 | 0 |

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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** |
| Kayunga | 83 | 0 | 6 | 0 | 35 | 0 | 1494 | 3 | 0 | 0 | 0 | 7 |
| Kibaale | 56 | 0 | 10 | 0 | 21 | 0 | 919(1) | 27 | 0 | 0 | 0 | 16 |
| Kiboga | 67 | 0 | 3 | 0 | 9 | 0 | 324(3) | 3 | 0 | 0 | 0 | 21 |
| Kibuku | 38 | 0 | 0 | 0 | 0 | 0 | 337 | 0 | 0 | 0 | 0 | 0 |
| Kiruhura | 68 | 0 | 2 | 0 | 1 | 0 | 1626 | 0 | 0 | 0 | 0 | 1 |
| Kiryandongo | 56 | 0 | 2 | 0 | 4 | 0 | 711 | 0 | 0 | 0 | 0 | 7 |
| Kisoro | 92 | 0 | 0 | 0 | 3 | 0 | 252 | 5 | 0 | 0 | 0 | 10 |
| Kitgum | 52 | 0 | 5 | 0 | 13 | 0 | 329 | 0 | 0 | 0 | 0 | 1 |
| Koboko | 94 | 0 | 1 | 0 | 2 | 0 | 1436 | 0 | 0 | 0 | 0 | 0 |
| Kole | 83 | 0 | 0 | 0 | 0 | 0 | 176 | 0 | 0 | 0 | 0 | 3 |
| Kotido | 18 | 0 | 0 | 0 | 17 | 0 | 302 | 0 | 0 | 0 | 0 | 86 |
| Kumi | 60 | 0 | 3 | 0 | 3 | 0 | 944 | 0 | 0 | 0 | 0 | 21 |
| Kween | 65 | 0 | 0 | 0 | 5 | 0 | 218 | 0 | 0 | 0 | 0 | 12 |
| Kyankwanzi | 21 | 0 | 0 | 0 | 1 | 0 | 79 | 0 | 0 | 0 | 0 | 1 |
| Kyegegwa | 67 | 0 | 3 | 0 | 4 | 0 | 750 | 2 | 0 | 0 | 0 | 0 |
| Kyenjojo | 46 | 0 | 1 | 0 | 1 | 0 | 294 | 12 | 0 | 0 | 0 | 0 |
| Lamwo | 90 | 0 | 1 | 0 | 0 | 0 | 103 | 0 | 0 | 0 | 0 | 0 |
| Lira | 37 | 0 | 0 | 0 | 9 | 0 | 452 | 1(1) | 0 | 0 | 0 | 14 |
| Luuka | 46 | 0 | 0 | 0 | 2 | 0 | 720 | 0 | 0 | 0 | 0 | 0 |
| Luwero | 51 | 0 | 1 | 0 | 8 | 0 | 935 | 1 | 0 | 0 | 0 | 70 |
| Lwengo | 26 | 0 | 0 | 0 | 1 | 0 | 90 | 5 | 0 | 0 | 0 | 16 |
| Lyantonde | 33 | 0 | 5 | 0 | 1 | 0 | 419 | 5 | 0 | 0 | 0 | 25 |
| Manafwa | 61 | 0 | 0 | 0 | 6 | 0 | 846(2) | 0 | 0 | 0 | 0 | 1 |
| Maracha | 100 | 0 | 8 | 0 | 13 | 0 | 1497(1) | 0 | 0 | 0 | 0 | 16 |
| Masaka | 61 | 0 | 0 | 0 | 2 | 0 | 622 | 3 | 0 | 0 | 0 | 11 |
| Masindi | 69 | 0 | 12 | 0 | 19 | 0 | 1077 | 3 | 0 | 0 | 0 | 9 |
| Mayuge | 24 | 0 | 0 | 0 | 13 | 0 | 397 | 3 | 0 | 0 | 0 | 1 |
| Mbale | 76 | 0 | 9 | 0 | 3 | 0 | 1426 | 0 | 0 | 0 | 0 | 5 |
| Mbarara | 88 | 0 | 14 | 0 | 7 | 0 | 1278 | 12 | 0 | 0 | 0 | 46 |
| Mitooma | 60 | 0 | 2 | 0 | 0 | 0 | 536 | 1 | 0 | 0 | 0 | 2 |
| Mityana | 51 | 0 | 4 | 0 | 3 | 0 | 829 | 5 | 0 | 0 | 0 | 5 |
| Moroto | 29 | 0 | 1 | 0 | 3 | 0 | 167 | 1 | 0 | 0 | 0 | 0 |
| Moyo | 100 | 0 | 2 | 0 | 15 | 0 | 1519(2) | 0 | 0 | 0 | 0 | 30 |
| Mpigi | 75 | 0 | 0 | 0 | 8 | 0 | 841 | 12 | 0 | 0 | 0 | 14 |
| Mubende | 19 | 0 | 11 | 0 | 10 | 0 | 248(1) | 11 | 0 | 0 | 0 | 34 |
| Mukono | 60 | 0 | 2 | 0 | 6 | 0 | 1183 | 3 | 0 | 0 | 0 | 8 |
| Nakapiripirit | 53 | 0 | 2 | 0 | 13 | 0 | 460 | 0 | 0 | 0 | 0 | 1 |
| Nakaseke | 61 | 0 | 4 | 0 | 5 | 0 | 572 | 25 | 0 | 0 | 0 | 32 |
| Nakasongola | 27 | 0 | 2 | 0 | 17 | 0 | 323 | 5 | 0 | 0 | 0 | 8 |
| Namayingo | 28 | 0 | 0 | 0 | 4 | 0 | 606 | 0 | 0 | 0 | 0 | 2 |
| Namutumba | 15 | 0 | 0 | 0 | 0 | 0 | 228 | 0 | 0 | 0 | 0 | 0 |
| Napak | 75 | 0 | 1 | 0 | 11 | 0 | 607 | 0 | 0 | 0 | 0 | 0 |
| Nebbi | 74 | 0 | 12 | 0 | 32 | 0 | 1721(2) | 3 | 0 | 0 | 0 | 21 |
| Ngora | 42 | 0 | 1 | 0 | 1 | 0 | 286 | 0 | 0 | 0 | 0 | 0 |
| Ntoroko | 44 | 0 | 3 | 0 | 4 | 0 | 165 | 0 | 0 | 0 | 0 | 0 |
| Ntungamo | 47 | 0 | 4 | 0 | 0 | 0 | 499 | 1 | 0 | 0 | 0 | 3 |
| Nwoya | 94 | 0 | 0 | 0 | 2 | 0 | 409 | 0 | 0 | 0 | 0 | 1 |
| Otuke | 100 | 0 | 0 | 0 | 4 | 0 | 256 | 0 | 0 | 0 | 0 | 6 |
| Oyam | 80 | 0 | 4 | 0 | 7 | 0 | 398 | 0 | 1 | 0 | 0 | 5 |
| Pader | 9 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 | 0 |
| Pallisa | 53 | 0 | 7 | 0 | 7 | 0 | 1418(1) | 0 | 0 | 0 | 0 | 19 |

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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** |
| Rakai | 32 | 0 | 0 | 0 | 7 | 0 | 1200 | 4 | 0 | 0 | 0 | 9 |
| Rubirizi | 82 | 0 | 1 | 0 | 2 | 0 | 569 | 0 | 0 | 0 | 0 | 5 |
| Rukungiri | 59 | 0 | 1 | 0 | 0 | 0 | 996 | 6 | 0 | 0 | 0 | 8 |
| Sembabule | 54 | 0 | 0 | 0 | 10 | 0 | 754 | 0 | 0 | 0 | 0 | 16 |
| Serere | 64 | 0 | 3 | 0 | 6 | 0 | 1271 | 0 | 0 | 0 | 0 | 0 |
| Sheema | 47 | 0 | 4 | 0 | 0 | 0 | 457 | 0 | 0 | 0 | 0 | 0 |
| Sironko | 66 | 0 | 1 | 0 | 2 | 0 | 1493 | 0 | 0 | 0 | 0 | 0 |
| Soroti | 61 | 0 | 12 | 0 | 7 | 0 | 1806 | 1 | 0 | 0 | 0 | 75 |
| Tororo | 56 | 0 | 6 | 0 | 6 | 0 | 1937 | 0 | 0 | 0 | 0 | 17 |
| Wakiso | 47 | 0 | 41 | 0 | 17 | 0 | 2925 | 17 | 0 | 0 | 0 | 130 |
| Yumbe | 96 | 0 | 2 | 0 | 17 | 0 | 1325 | 3 | 0 | 0 | 0 | 6 |
| Zombo | 100 | 0 | 1 | 0 | 10 | 0 | 973(1) | 1 | 0 | 0 | 0 | 5 |
| National | 57 | 1(0) | 319(0) | 7(1) | 923(0) | 0(0) | 91467(37) | 242(1) | 16(0) | 0(0) | 0(0) | 2055(4) |

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

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