

**Summary Table**



|  |  |  |
| --- | --- | --- |
| **Indicator** | **Week 15**  **2015** | **Week**  **16 2015** |
| % Districts | 100 | 100 |
| Ave % HU | 57 | 56 |
| % Timely reports | 100 | 81 |
| AFP | 6 (0) | 13(0) |
| Rabies | 319(0) | 389(0) |
| Cholera | 7(0) | 6(0) |
| Dysentery | 1064(0) | 1005(0) |
| Guinea  Worm | 0(0) | 0(0) |
| Malaria | 91467  (37) | 107028  (40) |
| Measles | 242(0) | 253(0) |
| Meningitis | 0(0) | 4(0) |
| NNT | 0(0) | 0(0) |
| Plague | 0(0) | 0(0) |
| Typhoid | 2381(4) | 1527(2) |

**Completeness of Reporting**

All districts (100%) reported **23 districts had 80% or more completeness** (highlighted in yellow in summary table)**. Yumbe, Maracha, Moyo, Butambala and Otuke** had  **100%** of the health units reporting. At national level, 56% of the health units reported. The districts in the northern region have better reporting rates compared to other regions. Kampala and Pader, had less than 9% of the units reporting; followed by Bugiri, Mubende, Namayingo, Kyankwanzi, Namutumba and Kaberamiido with less than 20%.

**Timeliness**

The national average was 81% (1818) of

2235 health facilities the submitting

timely reports. Up to 61 districts had 80-

100% of their facilities reporting timely. **Less than 50%** of the facilities in **Kamuli, Kiboga, Lwengo and Alebtong** submitted timely reports.

**Epidemiological week 16 0f 2015 [13-19 April 2015]**

**Disease Outbreaks**



**Typhoid fever:** The typhoid fever outbreak that started in week 48 of 2014. The data from the surveillance system at the six treatment centres indicates that up to 12,130 cases and 0 reported deaths have been recorded at the six treatment centres in Kampala. This week, districts which reported high number of cases were: Arua (104), Wakiso (137), Luuka (80), Lwengo (74), Bukwo (56) and Gulu (68). However, 25 other districts reported more than 20 cases this week but Kampala did not report.

From 188 blood samples collected from 20/3 to 24/4, 37 *Salmonella*

*typhi* isolates have been obtained. Drug sensitivity tests revealed some resistant isolates to Nalidixic acid but with reduced susceptibility to Ciprofloxacin.

**Cholera**: Only 6 cases were reported in **Kasese** District in an outbreak which started on **14/03/2015.** The cholera treatment center established in Bwera Hospital is functional and supplies were sent to the district by National Medical Stores to support patient treatment. By 26/04/2015, 68 cases (52% male and 48% females) had been treated; 5 are still admitted and 1 health facility death recorded (**CFR 1.5%).** Children 0-15 years of age (53%) were the most affected. Out of 38 stool samples collected & processed at Bwera Hospital laboratory, 34 (90%) were positive and *Vibrio cholera inaba* was isolated. **Mpondwe MLTC (Nyabugando Parish, 19), Karambi (9) and Kitholho (8)** were the most affected sub-counties. The initial cases in the current outbreak were linked to an ongoing outbreak in the Democratic Republic of Congo (DRC). The cases from DRC have been line listed in Uganda. A support team is in the district to contribute to the control efforts.

**Other priority diseases**

**AFP:** The cases more than doubled in week 16 compared to week

15. Luweero district reported 8 out of the 13 AFP cases. The **laboratory results** of the samples submitted should be fed back to the **district to enable them respond** accordingly.

**Rabies:** Out of 72 districts which reported at least one case of animal bites as a proxy for rabies, 12 districts had ten or more cases. Wakiso district (33) reported the highest number of cases. All these districts should **investigate the cases,** provide detailed **reports of animal bites without provocation and advocate for vaccinating more pets** in collaboration with the Veterinary Offices.

**Dysentery**: Although 96 districts reported at least a case of dysentery, 30 districts with 10 or more cases need to have detailed **laboratory investigation** to rule out epidemic dysentery by ***Shigella*.**

**Malaria:** The increased cases reported matched the increase in reporting rates by health units. Districts with more than 2000 cases this week were: Arua (4748), Kasese (3642), Wakiso (3279), Maracha (2922), Iganga (2350), Kabarole (2403), Tororo (2258), Hoima (2200) and Yumbe (2193). Most of these districts, however, also had more than 65% of their units reporting, thus higher number could be obtained from complete reporting. Malaria testing and treatment analysis has been performed and there is a wide gap between number of suspect cases, testing rate and cases positive by RDT or microscopy **(Figure 1 & Trend Figure 2).**

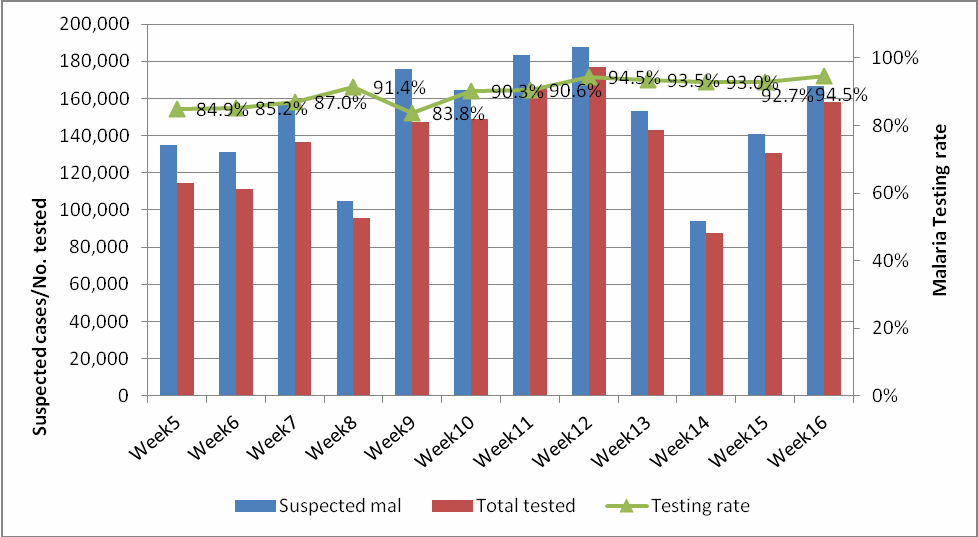
**Measles:** This week, **45 districts** reported at least a case **(total of 253 cases) and of these,** were reported; Rukungiri, Luwero, Rakai, Kasese, , Nakaseke, Kabarole, Mbarara, Wakiso and Kampala districts reported **ten or more cases.** The district should follow up to **get laboratory results from UVRI** to institute appropriate **actions** to control the epidemic.

**Human Influenza:** The UVRI National Influenza Centre data from sentinel surveillance sites for ILI shows that from the start of the year, only 3 out of 246 samples (average of 14 samples collected per week) were positive for Influenza B virus. Globally, the Europe Multistate Influenza 2014-2015 season monitoring update of 23 April

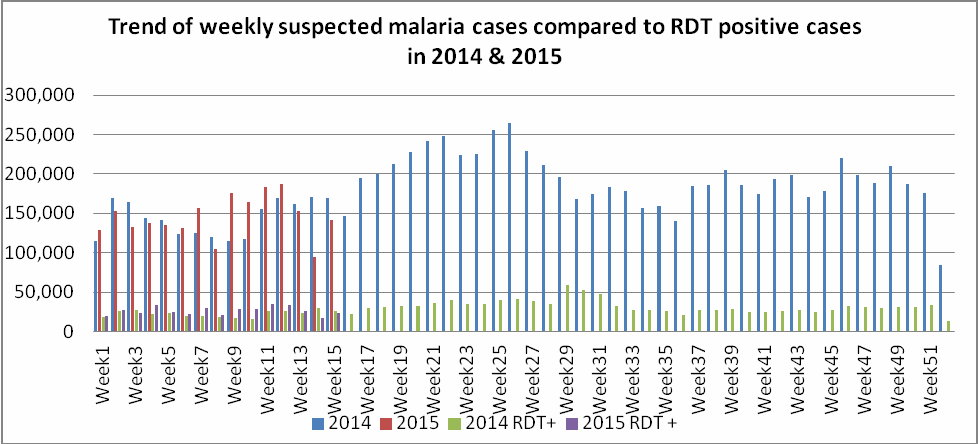
2015 indicates that Influenza activity continued to decrease in most reporting countries. The proportion of influenza-virus-positive specimens from sentinel sources decreased from 28 percent for week 15 to 25 percent for week 16 (**Source: Promed mail**).

**Maternal deaths:** In week 16, 2187 out of 3823 (55.9%) health facilities reported about maternal deaths. Week

16 reported 14 maternal and 29 perinatal deaths compared to 9 maternal and 9 perinatal deaths in week 15. In Luwero, 2 maternal deaths and one each in Nakapiripirit, Bushenyi, Wakiso, Masaka, Soroti, Bududa, Mbarara, Mukono, Kabarole, Kamuli, Mityana and Arua districts were reported.



**Figure 1: Comparison of malaria suspected cases, RDT positive and testing rate in week 16**



**Figure 2: Trend of weekly suspected malaria cases compared to RDT positive in 2014 and 2015**

***For comments please contact: The Epidemiological Surveillance Division- M.O.H; P.O BOX 7272***

***Kampala, Tel: 0414-340874/0414-345108 ; Email:*** [***esd@health.go.ug***](mailto:esd@health.go.ug) ***or*** [***esduganda@yahoo.co.uk***](mailto:esduganda@yahoo.co.uk)

**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*

**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 19th April 2015**

**(Numbers in brackets indicate deaths)**

Abim 47 0 1 0 13 0 355 0 0 0 0 0

**District**

**% of H/U**

**reporting**

**AFP**

**Animal bite (Suspected Rabies)**

**Cholera**

**Dysentery**

**Guinea**

**Worm**

**Malaria**

**Measles**

**Meningitis**

**NNT**

**Plague**

**Typhoid**

**Fever**

Adjumani 69 0 5 0 23 0 1687 0 0 0 0 0

Agago 70 0 10 0 32 0 278 0 0 0 0 1

Alebtong 64 0 0 0 1 0 153 0 0 0 0 2

Amolatar 75 0 0 0 8 0 427 0 0 0 0 7

Amudat 88 0 0 0 17 0 287 0 0 0 0 3

Amuria 68 0 4 0 0 0 1296 0 0 0 0 0

Amuru 48 0 0 0 18 0 341 0 0 0 0 0

Apac 66 0 2 0 0 0 619 0 0 0 0 0

Arua 78 1 11 0 22 0 4748(1) 5 0 0 0 104

Budaka 44 0 5 0 0 0 583(1) 0 0 0 0 2

Bududa 80 0 0 0 9 0 1014(2) 0 0 0 0 3

Bugiri 14 0 0 0 3 0 563 0 0 0 0 1

Buhweju 47 0 0 0 0 0 144 0 0 0 0 0

Buikwe 34 0 5 0 10 0 905 2 0 0 0 8

Bukedea 27 0 1 0 3 0 87 0 0 0 0 0

Bukomansimbi 71 0 0 0 1 0 357 5 0 0 0 1

Bukwo 93 0 12 0 22 0 504 0 0 0 0 52

Bulambuli 80 0 0 0 0 0 710 0 0 0 0 0

Buliisa 90 0 0 0 8 0 507(1) 0 0 0 0 1

Bundibugyo 68 0 1 0 18 0 1381 0 0 0 0 14

Bushenyi 51 0 3 0 2 0 791 0 0 0 0 16

Busia 39 0 4 0 6 0 1644 0 0 0 0 44

Butaleja 58 0 0 0 11 0 1690 0 0 0 0 0

Butambala 100 0 0 0 3 0 782 1 0 0 0 28

Buvuma 64 0 0 0 5 0 192 0 1 0 0 3

Buyende 70 0 0 0 0 0 712 0 0 0 0 0

Dokolo 94 0 0 0 1 0 656 0 0 0 0 3

Gomba 67 0 2 0 0 0 402 0 0 0 0 1

Gulu 71 0 3 0 30 0 823 0 0 0 0 64

Hoima 67 0 14 0 46 0 2200(4) 5 0 0 0 43

Ibanda 54 0 0 0 0 0 1826 0 0 0 0 3(2)

Iganga 53 0 6 0 7 0 2350(3) 2 0 0 0 0

Isingiro 73 0 0 0 2 0 1633 1 0 0 0 33

Jinja 34 0 0 0 14 0 1477 0 0 0 0 9

Kaabong 37 0 1 0 8 0 559 0 0 0 0 1

Kabale 86 0 8 0 0 0 231 0 0 0 0 0

Kabarole 84 0 19 0 6 0 2403(3) 10 1 0 0 12

Kaberamaido 19 0 4 0 0 0 288 0 0 0 0 0

Kalangala 73 0 0 0 2 0 151 0 0 0 0 1

Kaliro 25 0 0 0 1 0 350 0 0 0 0 7

Kalungu 65 0 0 0 1 0 355 4 0 0 0 22

Kampala 6 0 5 0 215 0 561 4 0 0 0 47

Kamuli 40 0 1 0 4 0 1757 2 0 0 0 0

Kamwenge 50 0 2 0 7 0 1133 2 0 0 0 0

Kanungu 59 0 6 0 23 0 586 10 0 0 0 31

Kapchorwa 82 0 1 0 11 0 623 0 0 0 0 0

**District**

**% of H/U**

**reporting**

**AFP**

**Animal bite (Suspected Rabies)**

**Cholera**

**Dysentery**

**Guinea**

**Worm**

**Malaria**

**Measles**

**Meningitis**

**Typhoid**

**Fever**

Kasese 76 0 3 6 9 0 3642(3) 22 0 0 0 18

**NNT**

**Plague**

Katakwi 64 0 1 0 3 0 1261 0 0 0 0 0

Kayunga 88 0 2 0 35 0 1556(2) 8 0 0 0 11

Kibaale 47 0 12 0 21 0 1120(1) 9 0 0 0 41

Kiboga 54 0 3 0 9 0 229 3 0 0 0 4

Kibuku 54 0 0 0 0 0 317 0 0 0 0 1

Kiruhura 66 0 3 0 1 0 1486 1 0 0 0 2

Kiryandongo 76 0 2 0 4 0 888 1 0 0 0 17

Kisoro 95 0 1 0 3 0 219 2 0 0 0 2

Kitgum 52 0 12 0 13 0 469 0 0 0 0 21

Koboko 88 0 9 0 2 0 1892 3 0 0 0 7

Kole 75 1 0 0 0 0 161 0 0 0 0 0

Kotido 24 0 5 0 17 0 661 0 0 0 0 48

Kumi 48 0 2 0 3 0 788 0 0 0 0 24

Kween 77 0 0 0 5 0 297 0 0 0 0 7

Kyankwanzi 13 0 0 0 1 0 94 0 0 0 0 4

Kyegegwa 80 0 1 0 4 0 947 2 0 0 0 0

Kyenjojo 54 0 1 0 1 0 615(1) 1 0 0 0 6

Lamwo 95 0 0 0 0 0 134 0 0 0 0 0

Lira 52 0 0 0 9 0 609 2 0 0 0 7

Luuka 39 0 0 0 2 0 543 0 0 0 0 0

Luwero 56 8 2 0 8 0 997 17 1 0 0 80

Lwengo 30 0 0 0 1 0 185 2 0 0 0 18

Lyantonde 52 0 2 0 1 0 738 3 0 0 0 74

Manafwa 74 0 0 0 6 0 976(1) 0 0 0 0 28

Maracha 100 0 1 0 13 0 2922(1) 0 0 0 0 29

Masaka 52 2 0 0 2 0 543(4) 8 0 0 0 10

Masindi 67 0 7 0 19 0 1341(1) 2 0 0 0 7

Mayuge 24 0 2 0 13 0 775 0 0 0 0 0

Mbale 59 0 2 0 3 0 1120 0 0 0 0 5

Mbarara 93 0 6 0 7 0 1459 1 0 0 0 36

Mitooma 48 0 0 0 0 0 479 0 0 0 0 0

Mityana 49 1 14 0 3 0 1518(5) 8 0 0 0 3

Moroto 29 0 7 0 3 0 653 1 0 0 0 5

Moyo 100 0 3 0 15 0 1895 0 0 0 0 32

Mpigi 69 0 0 0 8 0 831 0 0 0 0 11

Mubende 14 0 5 0 10 0 369 4 0 0 0 15

Mukono 63 0 6 0 6 0 1212 0 0 0 0 8

Nakapiripirit 71 0 14 0 13 0 963 0 0 0 0 4

Nakaseke 78 0 9 0 5 0 917 13 0 0 0 42

Nakasongola 24 0 2 0 17 0 264 5 0 0 0 14

Namayingo 17 0 0 0 4 0 332 0 0 0 0 2

Namutumba 18 0 2 0 0 0 660 3 0 0 0 0

Napak 83 0 6 0 11 0 552 0 0 0 0 0

Nebbi 77 0 7 0 32 0 3069(4) 1 0 0 0 11

Ngora 33 0 0 0 1 0 234 0 0 0 0 0

Ntoroko 67 0 1 0 4 0 240 0 0 0 0 2

Ntungamo 54 0 13 0 0 0 553(1) 0 0 0 0 7

**District**

**% of H/U**

**reporting**

**AFP**

**Animal bite (Suspected Rabies)**

**Cholera**

**Dysentery**

**Guinea**

**Worm**

**Malaria**

**Measles**

**Meningitis**

**Typhoid**

**Fever**

Nwoya 80 0 0 0 2 0 602 0 0 0 0 1

**NNT**

**Plague**

Otuke 100 0 1 0 4 0 351 0 0 0 0 6

Oyam 68 0 8 0 7 0 522 0 0 0 0 4

Pader 3 0 0 0 0 0 11 0 0 0 0 0

Pallisa 50 0 4 0 7 0 1210(1) 0 0 0 0 16

Rakai 33 0 1 0 7 0 1626 11 0 0 0 16

Rubirizi 65 0 2 0 2 0 512 0 0 0 0 6

Rukungiri 59 0 5 0 0 0 992 10 0 0 0 5

Sembabule 50 0 0 0 10 0 581 1 0 0 0 36

Serere 46 0 1 0 6 0 814 0 1 0 0 1

Sheema 38 0 4 0 0 0 579 0 0 0 0 0

Sironko 69 0 1 0 2 0 1454 0 0 0 0 0

Soroti 71 0 10 0 7 0 1835 3 0 0 0 38

Tororo 59 0 8 0 6 0 2258 2 0 0 0 22

Wakiso 51 0 33 0 17 0 3279 28 0 0 0 137

Yumbe 100 0 3 0 17 0 2193 7 0 0 0 10

Zombo 95 0 4 0 10 0 1363 16 0 0 0 2

National 56 13(0) 389(0) 6(0) 923(0) 0(0) 107028 (40) 253(0) 4(0) 0(0) 0(0) 1527(2)

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

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