



Ministry of Health Uganda

Weekly Epidemiological Bulletin

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 Of 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.

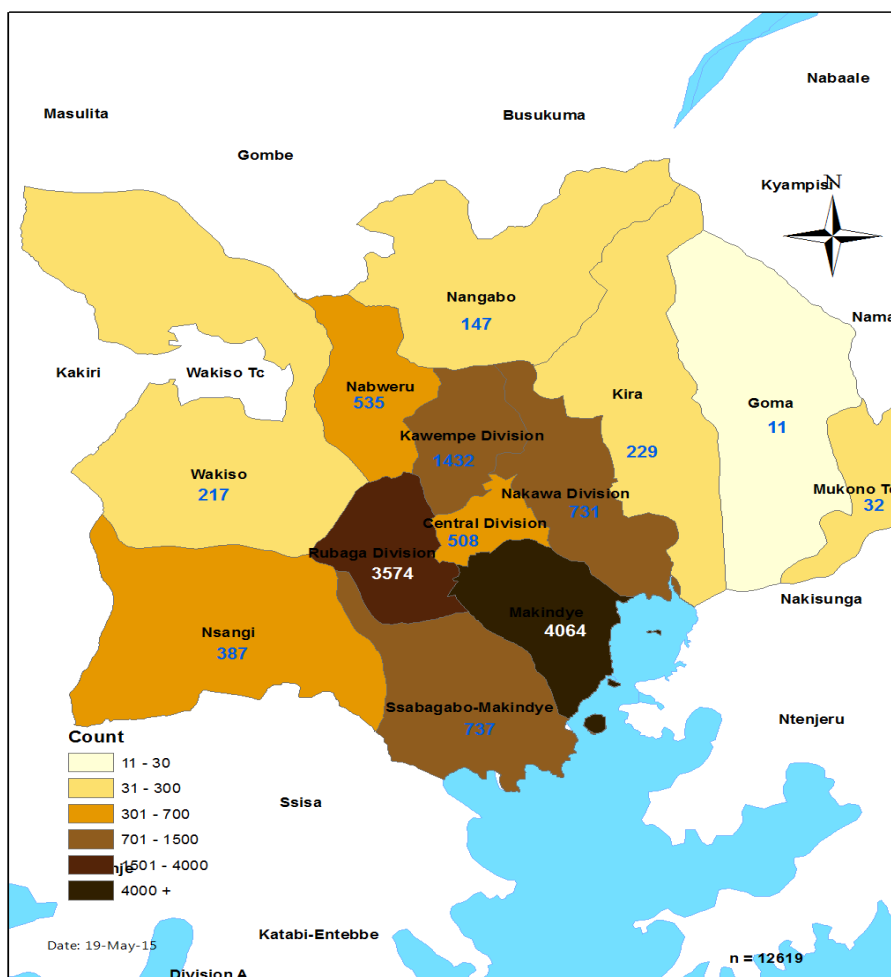


Figure 1: Typhoid cases treated in Kampala treatment centres by division of residence

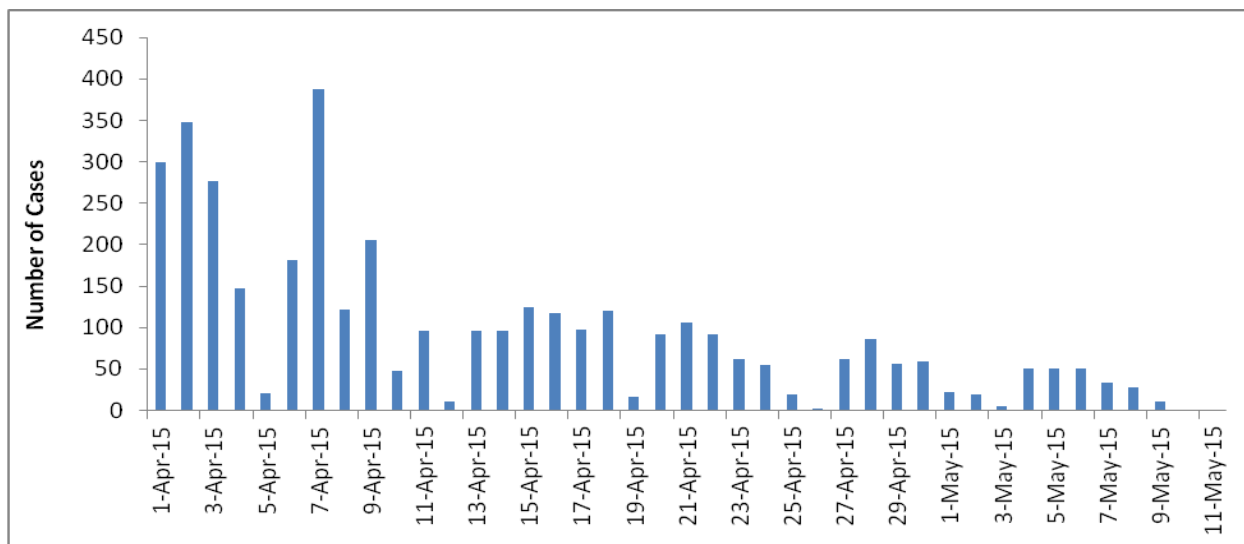


Figure 2: Number of typhoid cases treated in Kampala district from 1st April to 11th May, 2015

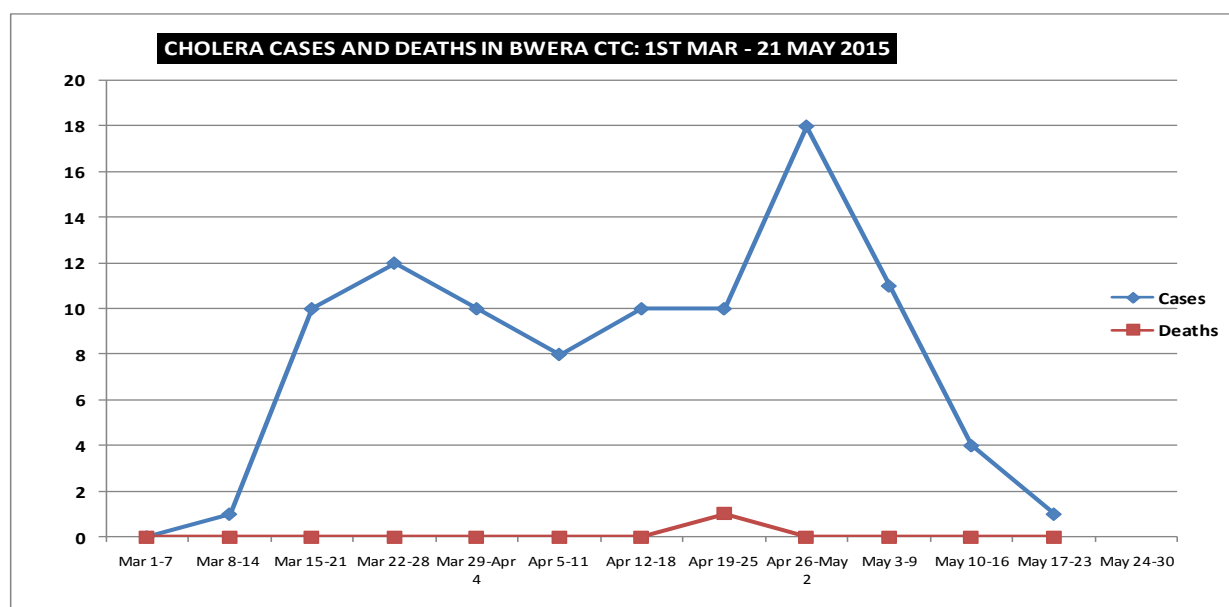


Figure 3: Cholera cases treated at Bwera Hospital in Kasese District week 19, 2015

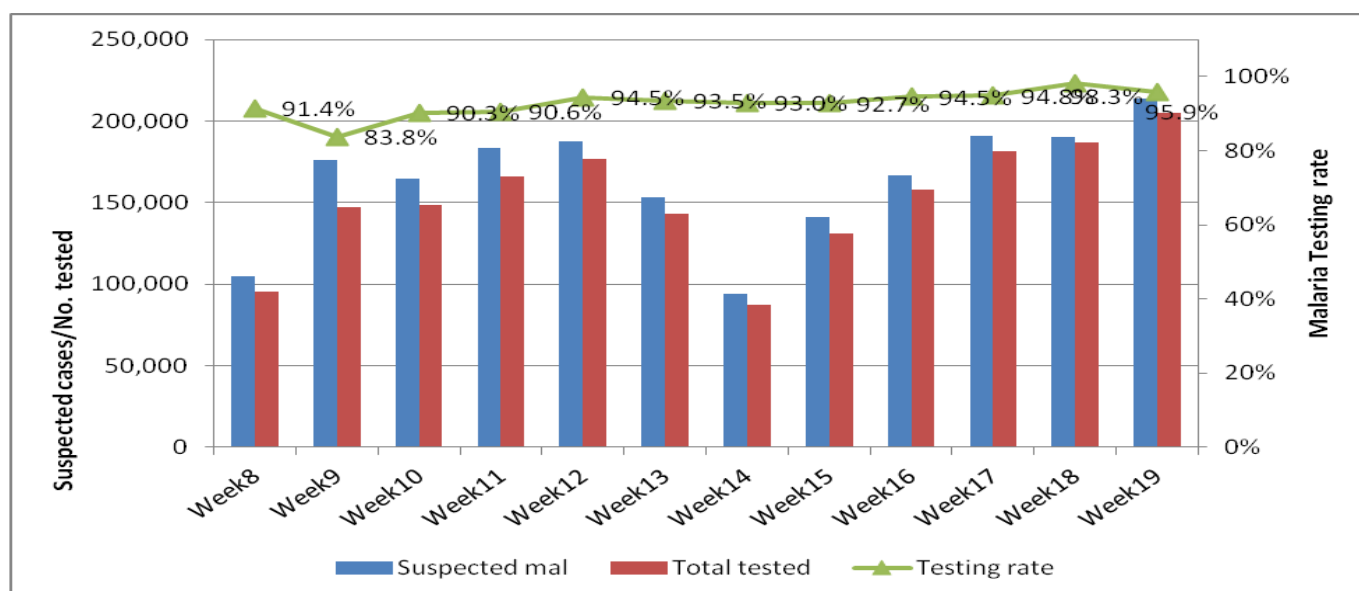


Figure 4: Trend of malaria testing rate among suspected cases from week 8 to week 19, 2015

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

(Numbers in brackets indicate deaths)

District	% of H/U reporting	AFP	Animal bite (Suspected Rabies)	Cholera	Dysentery	Guinea Worm	Malaria	Measles	Meningitis	NNT	Plague	Typhoid Fever
Abim	95	0	0	0	12	0	842	0	0	0	0	1
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

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

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