



Ministry of Health Uganda

Weekly Epidemiological Bulletin

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 $\geq 4/100,000$ children 0 - 14 years whereas 66 out of 112 (59%) have attained a non-polio AFP rate of $\geq 2/100,000$ 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.

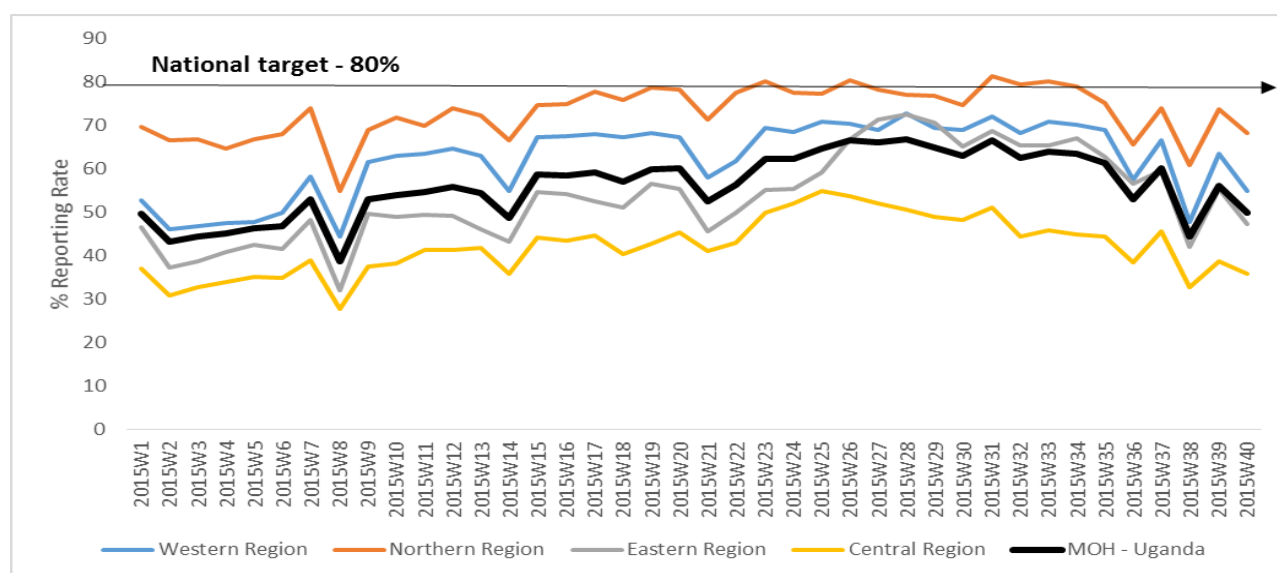


Figure 1: Percent Weekly Reporting by Region. Northern Uganda has been leading since the start of the year – close to the national target of 80%, whereas the central region is at the bottom during the respective reporting periods.

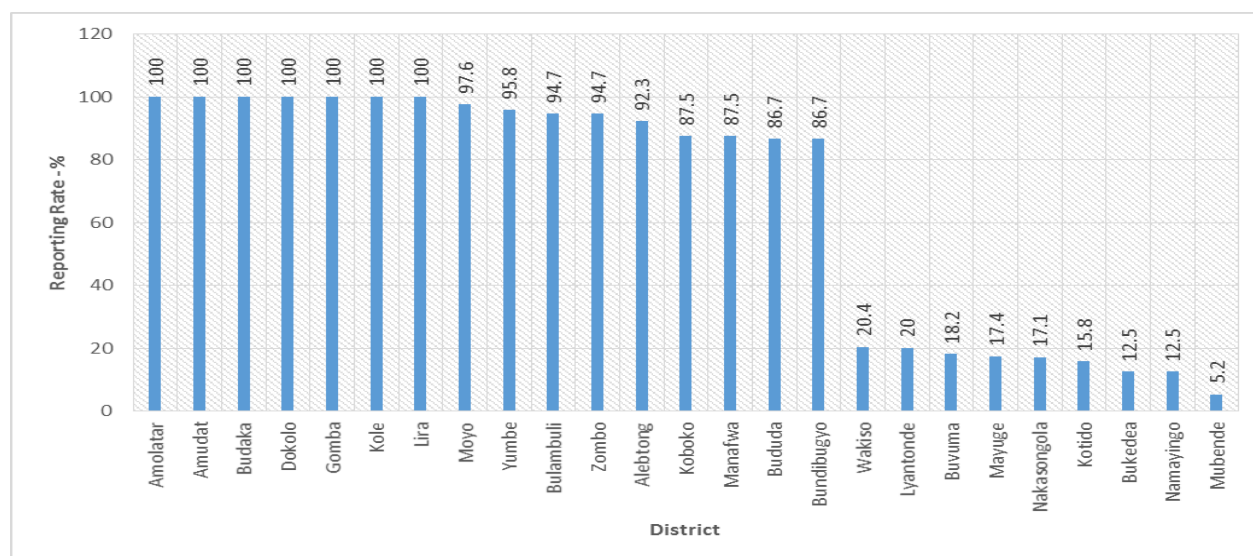


Figure 2: Percent reporting rate (completeness) of the best and worst performing districts

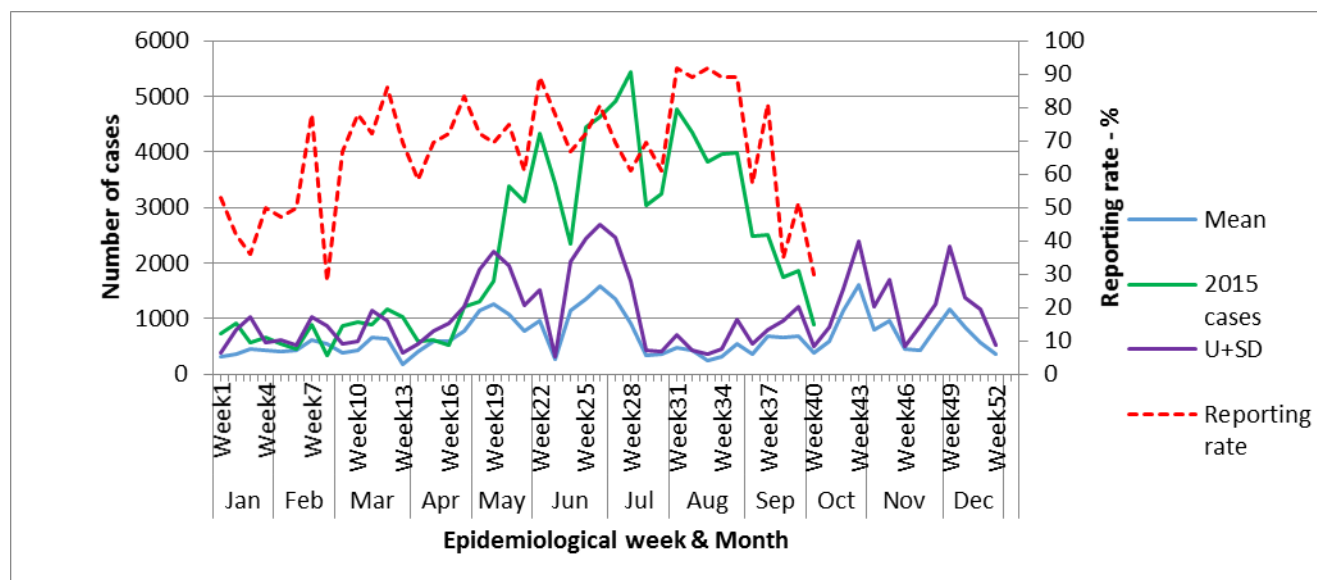


Figure 3: Normal channel of malaria compared to the cases in week 40, 2015 in Apac district. Number of cases approaching the expected number (normal channel)

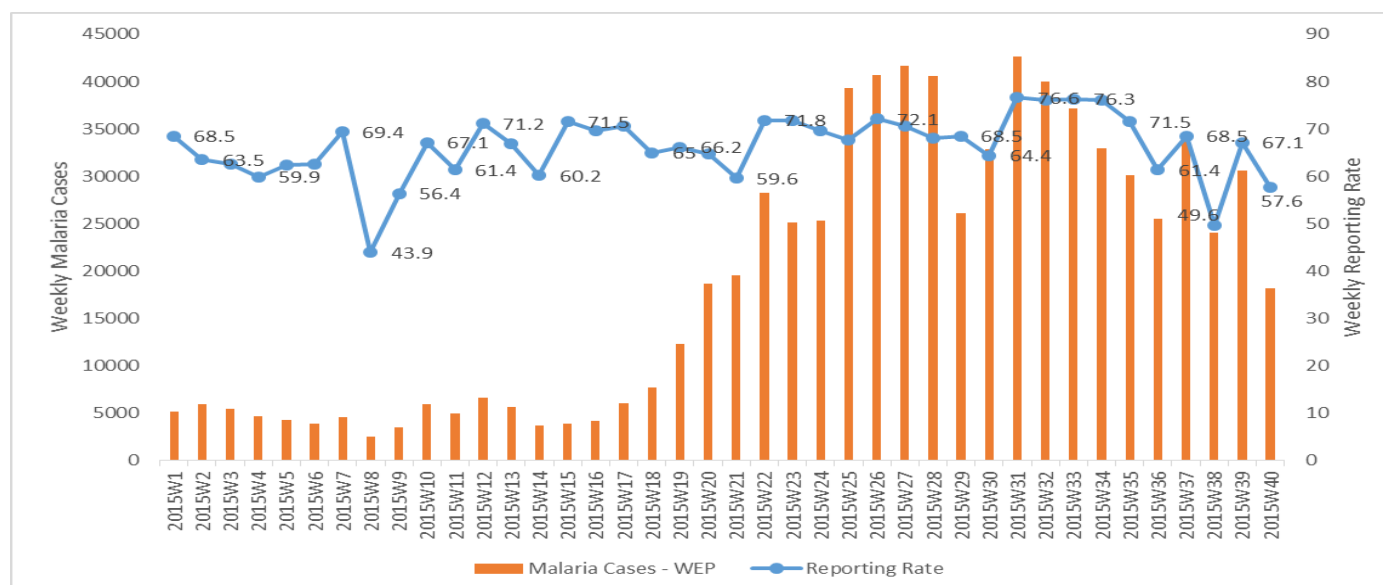


Figure 5: Weekly Malaria Cases & Reporting rate in 10 Outbreak/ former IRS Districts in Northern Uganda

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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

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

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