



Ministry of Health Uganda

Weekly Epidemiological Bulletin

Highlights of the week

- Updates on Cholera outbreak in Hoima District
- Cases of Malaria have reduced in 10 outbreak districts in Northern Uganda

Summary Table

Indicator	Week 40 2015	Week 41 2015
% Districts	100	100
Ave % HU	56	61
% Timely reports	*	*
AFP	7 (0)	1(0)
Animal bites	240 (0)	191 (1)
Cholera	0	0
Dysentery	610 (2)	675 (0)
Guinea Worm	0	0
Malaria	108650 (43)	102105 (44)
Measles	242 (0)	225 (0)
Meningitis	4 (0)	11 (2)
NNT	1 (0)	0 (0)
Plague	0	0
Typhoid	1291 (2)	1100 (4)

*Indicator not provided

Completeness of Reporting

All districts reported in week 41. 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. Bulambuli, Lira, Kole, Koboko, Gomba and Moyo achieved 100% reporting but Mubende and Buvuma had 9.1% reporting. Reporting rates by region indicate slight improvement, with the Northern regionis highest at 71%, followed by Western - 61%, Eastern - 55% and Central - 40% (**Figure 1**). The best and worst districts have been presented in **Figure 2**.

Epidemiological week 41 of 2015 [5th – 11th 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: District Task Force meetings (2) were held; there was training of 30 health workers from the region, community mobilisation and referral of patients to the CTCs.

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: A radio talk show on Spice FM by District leadership and radio spots in Lunyoro and English to sensitize the communities in early reporting of cases; a case control study analysis continues; good case management ensured survival and discharge of subsequent cases; high vigilance and reporting cases early.

Malaria: Malaria cases decreased in similar proportion to the decreased reporting level. The cases in the 10 outbreak districts in Northern Uganda have continued to decrease, despite the slight increase in reporting levels. Highest number of cases were reported by Gulu (3735), Kamuli (3657), Arua (2910) and Moyo (2749) districts.

Other priority diseases

AFP: Only one case was reported in Kumi district. 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. Only Manafwa has not reported one case off AFP in 2015.

Typhoid fever: In week 41, up to 78 districts reported at least one case of typhoid, and 19 of these exceeded the 20 cases alert threshold. Kampala city reported 121 cases, which was the highest number of suspected typhoid cases.

Measles: The number of suspected measles cases reported was similar to that in week 40. Twenty districts reported 5 or more suspected cases (**Figure 3**).

Influenza in Humans: The number of cases of influenza reported in the weekly surveillance system at Makerere University Walter Reed Project were two; one of Influenza A(H1N1) and the other A (H3).

International Health Event

Ebola VHF in West Africa

Three new confirmed cases of Ebola virus disease (EVD) were reported in Guinea in the week to 18 Oct 2015. Currently 246 contacts are under follow-up in Guinea (70 are high risk), and an additional 253 contacts identified during the past 42 days remain untraced. Sierra Leone reported 0 cases for the 5th consecutive week. Confirmed 15,208 (not available) [3 cases in past 21 days]; Probable 2619 (not available); Suspected 10,649 (not available) Total 28,476 (11,298)

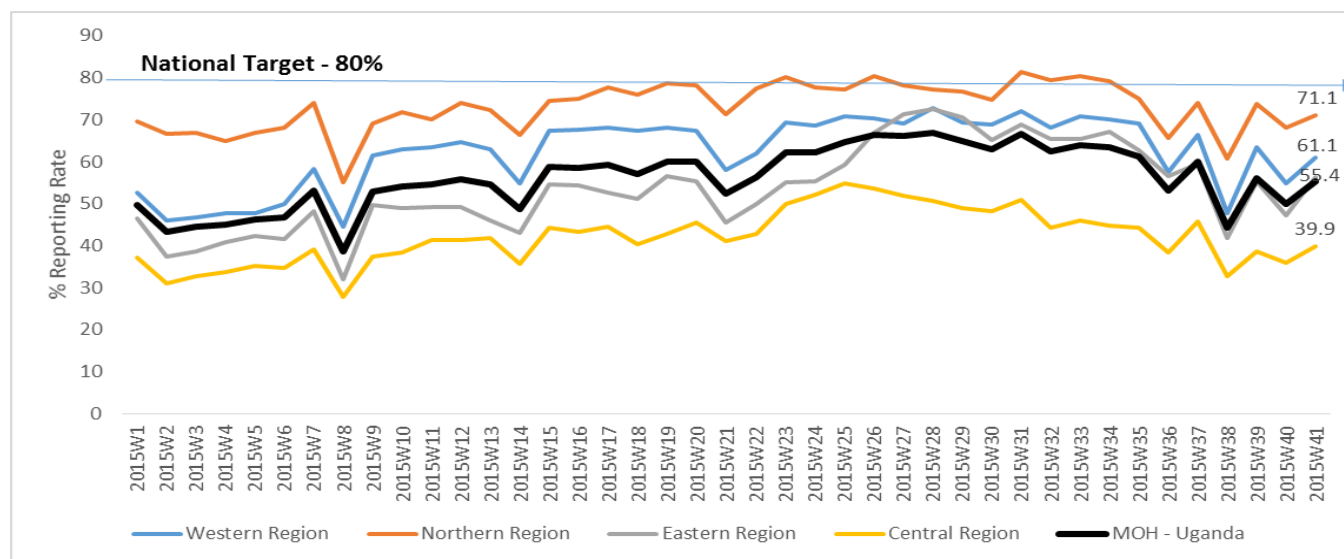


Figure 1: Percent Weekly Reporting by Region. Northern Uganda has been leading since the start of the year – close to the national target of 80%, whereas the central region is at the bottom during the respective reporting periods.

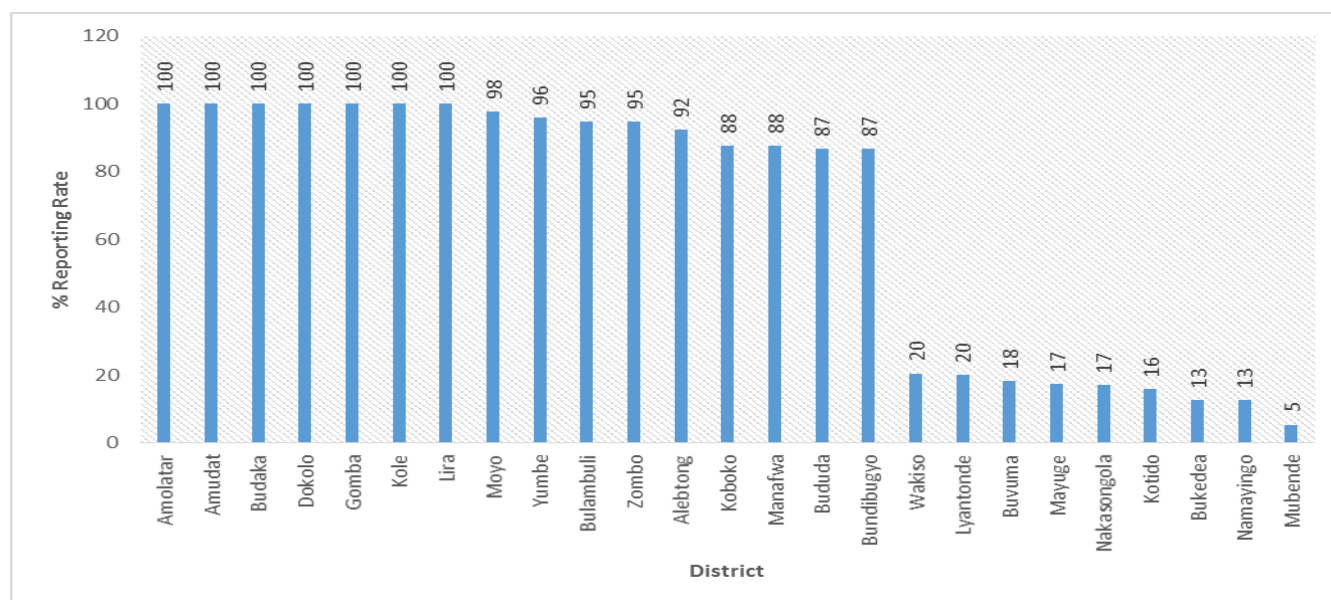


Figure 2: Percent reporting rate (completeness) of the best and worst performing districts

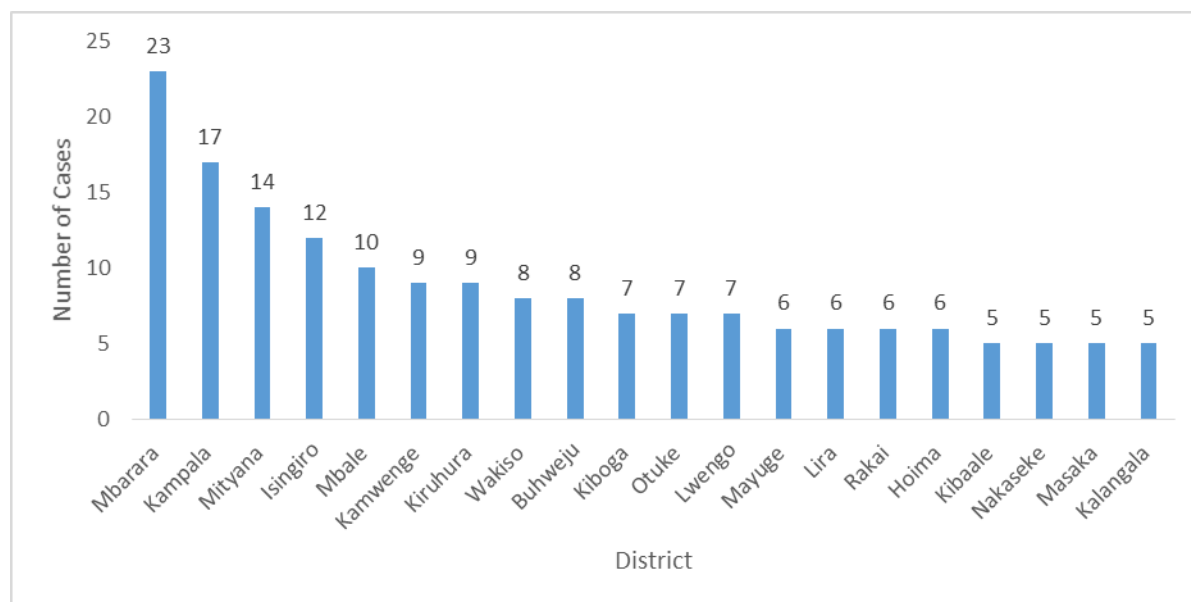


Figure 3: Districts reporting 5 or more cases of measles in week 41, 2015

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Summary table for epidemiological reports received for week ending 11th 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	80	0	0	0	7	0	690	2	0	0	0	0
Adjumani	83	0	0	0	14	0	2,749	0	0	0	0	1
Agago	71	0	0	0	16	0	963(1)	0	0	0	0	14
Alebtong	85	0	0	0	2	0	260(1)	1	0	0	0	3
Amolatar	92	0	0	0	0	0	307	0	0	0	0	5
Amudat	63	0	0	0	1	0	106	0	0	0	0	
Amuria	49	0	0	0	4	0	2,371	0	0	0	0	1
Amuru	63	0	0	0	6	0	1,160	0	0	0	0	0
Apac	41	0	0	0	1	0	853(1)	0	0	0	0	0
Arua	60	0	5	0	18	0	2910(4)	0	0	0	0	28
Budaka	88	0		0	3	0	1,134	0	0	0	0	2
Bududa	93	0	2	0	4	0	677	0	0	0	0	1
Bugiri	42	0	2	0	55	0	1,647	1	5	0	0	25
Buhweju	47	0	1	0	0	0	55	8	0	0	0	
Buikwe	64	0	3	0	6	0	935	4	1	0	0	25
Bukedea	13	0	0	0	0	0	153	0	0	0	0	
Bukomansimbi	71	0	0	0	3	0	129	0	0	0	0	2
Bukwo	88	0	3	0	12	0	96	0	0	0	0	3
Bulambuli	100	0	0	0		0	748	0	0	0	0	0
Buliisa	55	0	0	0	0	0	167	0	0	0	0	0
Bundibugyo	97	0	1	0	9	0	1,316	0	0	0	0	30
Bushenyi	49	0	4	0	1	0	490(3)	0	0	0	0	43
Busia	52	0	0	0	2	0	748	0	0	0	0	0
Butaleja	63	0	0	0	14	0	1,029	0	0	0	0	2
Butambala	57	0	0	0	0	0	116	0	0	0	0	6
Buvuma	9	0	0	0	0	0	7	0	0	0	0	0
Buyende	82	0	0	0	2	0	727	0	0	0	0	0
Dokolo	94	0	0	0	0	0	411	1	0	0	0	1
Gomba	100	0	0	0	4	0	489	0	0	0	0	0
Gulu	56	0	2	0	19	0	3,735	0	0	0	0	38
Hoima	46	0	9	0	26	0	1,070	6	0	0	0	23
Ibanda	34	0	1	0	1	0	971(1)	2	0	0	0	1
Iganga	54	0	1	0	2	0	2,722	0	0	0	0	0
Isingiro	76	0	0	0	5	0	1,109	12	0	0	0	8
Jinja	37	0	5	0	12	0	1,667	2	0	0	0	8
Kaabong	78	0	2	0	5	0	693	0	0	0	0	1
Kabale	66	0	7	0	1	0	137	0	0	0	0	0
Kabarole	61	0	7	0	3	0	1,467	0	0	0	0	9
Kaberamaido	52	0	3	0	4	0	856	0	0	0	0	17
Kalangala	59	0	0	0	3	0	88	5	0	0	0	0
Kaliro	57	0	0	0	0	0	1,753	0	0	0	0	6
Kalungu	45	0	0	0	1	0	236	3	0	0	0	15
Kampala	28	1	6	0	4	0	1098(1)	17	0	0	0	121
Kamuli	63	0	0	0	3	0	3,657	1	0	0	0	15
Kamwenge	65	0	0	0	7	0	1,491	9	0	0	0	1
Kanungu	77	0	0	0	3	0	403	1	0	0	0	35
Kapchorwa	80	0	0	0	7	0	621	0	0	0	0	6
Kasese	64	0	5	0	12	0	1940(1)	0	1(1)	0	0	11
Katakwi	42	0	2	0	0	0	1,323	0	0	0	0	0
Kayunga	57	0	0	0	7	0	810	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	34	0	2	0	2	0	633	5	0	0	0	49
Kiboga	71	0	2	0	7	0	434	7	0	0	0	40
Kibuku	60	0	0	0	1	0	452	3	0	0	0	1
Kiruhura	65	0	1	0	0	0	941	9	0	0	0	0
Kiryandongo	85	0	0	0	3	0	919	0	0	0	0	4
Kisoro	84	0	0	0	3	0	168	2	0	0	0	4
Kitgum	61	0	0	0	13	0	1170(3)	0	0	0	0	18
Koboko	100	0	1	0	10	0	1,493	1	0	0	0	1
Kole	100	0	1	0	0	0	1,138	0	0	0	0	0
Kotido	11	0	0	0	0	0		0	0	0	0	0
Kumi	70	0	0	0	5	0	1,200	0	0	0	0	42
Kween	67	0	1	0	5	0	387	0	0	0	0	5
Kyankwanzi	36	0	0	0		0	256	1	0	0	0	0
Kyegegwa	80	0	6	0		0	614	2	0	0	0	0
Kyenjojo	45	0	10	0	4	0	691	3	0	0	0	6
Lamwo	76	0	0	0	1	0	1100(1)	0	0	0	0	0
Lira	100	0	2	0	13	0	1437(1)	6	1	0	0	10
Luuka	23	0	0	0		0	453	0	0	0	0	0
Luwero	57	0	0	0	5	0	615	1	0	0	0	30
Lwengo	29	0	1	0		0	148	7	0	0	0	10
Lyantonde	23	0	0	0	3	0	249	0	0	0	0	25
Manafwa	83	0	0	0	2	0	553	1	0	0	0	2
Maracha	79	0	2	0	3	0	1,095	0	0	0	0	2
Masaka	39	0	0	0	1	0	360	5	0	0	0	1
Masindi	61	0	2	0	4	0	792	2	0	0	0	10
Mayuge	52	0	0	0	6	0	1,453	6	0	0	0	2
Mbale	57	0	2	0	44	0	1,376	10	2(1)	0	0	23
Mbarara	73	0	6	0	6	0	730	23	0	1	0	31
Mitooma	58	0	3	0	1	0	831	1	0	0	0	4
Mityana	48	0	4	0	1	0	772 (13)	14	0	0	0	2
Moroto	53	0	5	0	11	0	799	0	0	0	0	19
Moyo	100	0	3	0	13	0	2,841	0	0	0	0	9
Mpigi	70	0	0	0	0	0	606(1)	0	0	0	0	16
Mubende	9	0	8	0	4	0	50	3	0	0	0	14
Mukono	47	0	2	0	11	0	1,052	2	0	0	0	12
Nakapiripirit	77	0	0	0	13	0	896	1	0	0	0	13
Nakaseke	75	0	2	0	5	0	605	5	0	0	0	23
Nakasongola	20	0	0	0	4	0	231	0	0	0	0	18
Namayingo	19	0	0	0	2	0	503	0	0	0	0	1
Namutumba	65	0	1	0	5	0	1,395	2	0	0	0	0
Napak	86	0	3	0	52	0	577	0	0	0	0	0
Nebbi	79	0	6	0	14	0	2321(4)	0	0	0	0	10
Ngora	50	0	0	0	0	0	342(1)	0	0	0	0	0
Ntoroko	56	0	0	0	0	0	29	0	0	0	0	0
Ntungamo	48	0	8	0	2	0	315	0	0	0	0	10
Nwoya	67	0	0	0	0	0	308	0	0	0	0	0
Otuke	80	0	1	0	0	0	409	7	0	0	0	1
Oyam	71	0	13	0	1	0	1,129	0	1	0	3	0
Pader	46	0	0	0	6	0	869	0	0	0	0	0
Pallisa	61	0	6	0	9	0	1,465	2	0	0	0	8
Rakai	50	0	0	0	7	0	1,093	6	0	0	0	19
Rubirizi	61	0	0	0	4	0	192	0	0	0	0	2
Rukungiri	55	0	0	0	0	0	321	1	0	0	0	2

District	% of H/U reporting	AFP	Animal bites	Cholera	Dysentery	Guinea Worm	Malaria	Measles	Meningitis	NNT	Plague	Typhoid Fever
Sembabule	29	0	0	0	0	0	185	0	0	0	0	5
Serere	71	0	2	0	1	0	1,264	0	0	0	0	0
Sheema	82	0	0	0	1	0	618	1	0	0	0	0
Sironko	67	0	0	0	3	0	1,001	0	0	0	0	0
Soroti	51	0	5	0	5	0	1,856	3	0	0	0	23
Tororo	58	0	6	0	5	0	925	0	0	0	0	4
Wakiso	28	0	0	0	2	0	1289(1)	8(2)	0	0	0	55
Yumbe	92	0	2	0	9	0	2335(6)	0	0	0	0	5
Zombo	90	0	1	0	16	0	534	0	0	0	0	2
National	61	1 (0)	191 (1)	0	657 (0)	0	102105 (44)	225 (2)	11 (2)	0 (0)	0	1100 (4)

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