



# Ministry of Health Uganda

## Weekly Epidemiological Bulletin

Epidemiological week 1 (28<sup>th</sup> Dec 2015– 3<sup>rd</sup> Jan 2016)

### Highlights of the week

- New Ebola case in Sierra Leone

### Summary Table

Indicator	Week 52 2015	Week 1 2016
% Districts	100	100
Ave % HU	63	68
% Timely reports	*	*
AFP	1 (0)	7 (0)
Animal bites	160 (0)	204 (1)
Cholera	6 (0)	0
Dysentery	543 (0)	645 (0)
Guinea Worm	(0)	2(0)
Malaria	125,558 (30)	144,370 (31)
Measles	60 (0)	65 (0)
Meningitis	1 (1)	12 (0)
NNT	1 (0)	0
Plague	3 (1)	0
Typhoid	1298 (0)	1212 (2)
MDR TB	12 (2)	10 (1)

\*Indicator not provided

### Completeness of Reporting

This week, all the 112 districts reported with average reporting rate of 68%, a 5 % increase from week 52 of 2015. Up to 33 districts (29%) achieved the national target of  $\geq 80\%$  of the health facilities reporting. Only two districts (2%), Kampala and Buvuma had reporting rates less than 30% reporting facilities. The regional level performance as well as best districts and worst districts in week 1 have been presented in **Figure 1, 2 & 3**. The number of districts with low reporting rates (bottom) have gradually decreased, and the number of top performing districts have steadily increased in the same week.

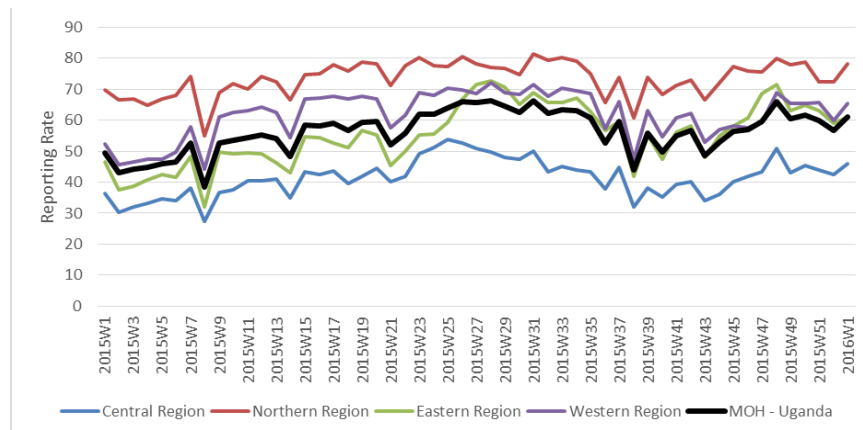


Figure 1: Average reporting level by region for weeks 1-52 2015 & week 1 2016

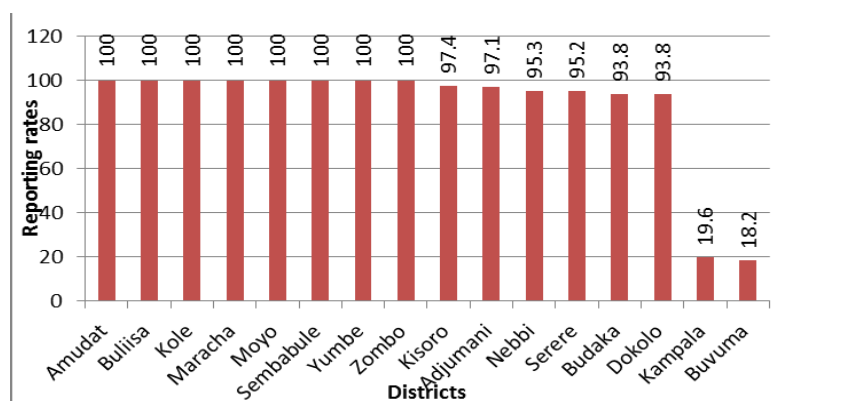


Figure 2: Reporting rates of top and bottom districts

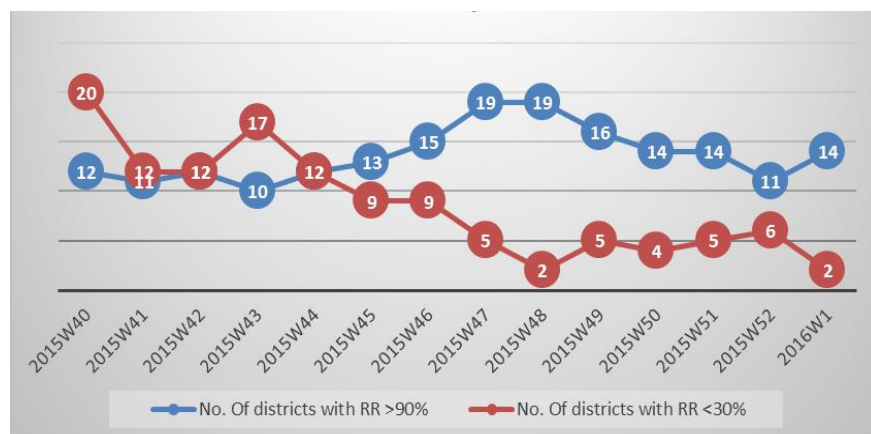


Figure 3: Trends of reporting rate of top and bottom districts

### Disease outbreaks

**Cholera:** No new cases or death have been reported in the weekly data from all the districts that have been experiencing the cholera outbreak. The current cholera situation is presented by district below:

### Cholera in Busia District:

An outbreak of cholera has been reported since October 2015 in the sub-counties of Buhehe, Busitema, Buteba, Daban, Lunyo, Siduka, Tiira and Busia Municipality. Twenty three samples have been collected of which 14 of them were confirmed at the national laboratory as *Vibrio cholerae*. A total of 253 cases had been reported including 7 deaths with the CFR of 2.8%. The outbreak is still on going and Support has been given in establishing CTC for better case management.

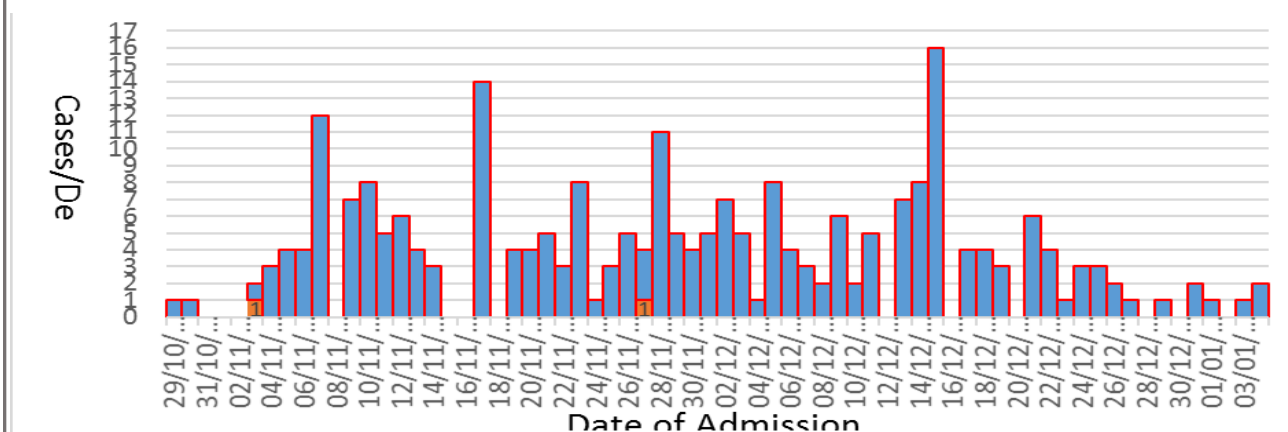


Figure 4: Graph showing the number of cases by date of admission in Busia district

### Cholera in Wakiso District:

An outbreak of cholera has been reported since November 2015 in the area Kituufu Island, Zzinga Island, Nabweru and Masulita. Twelve samples were collected of which nine of them were confirmed at the national laboratory as *Vibrio cholerae*. A total of 147 cases had been reported including 6 deaths with the CFR of 4.1%. Support was given in establishing CTC for better case management. By week 52 the epidemic had been contained.

### Cholera in Kampala district:

An outbreak of cholera has been reported since October 2015 in the Divisions of Central, Kawempe, Makindye, Nakawa and Rubaga. Two hundred eighty seven samples have been collected of which 58 of them were confirmed at the national laboratory as *Vibrio cholerae*. A total of 317 cases had been reported including 8 deaths with the CFR of 2.5%.

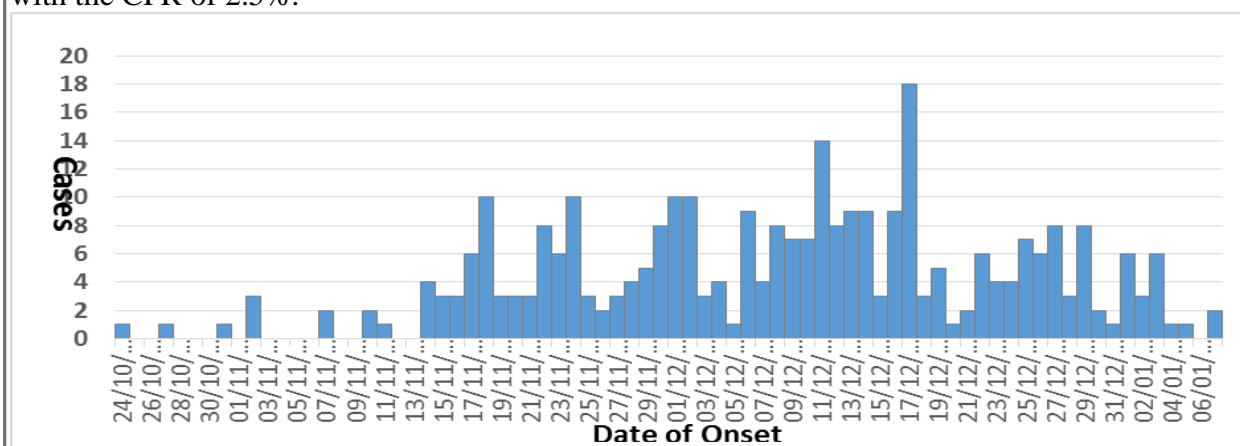


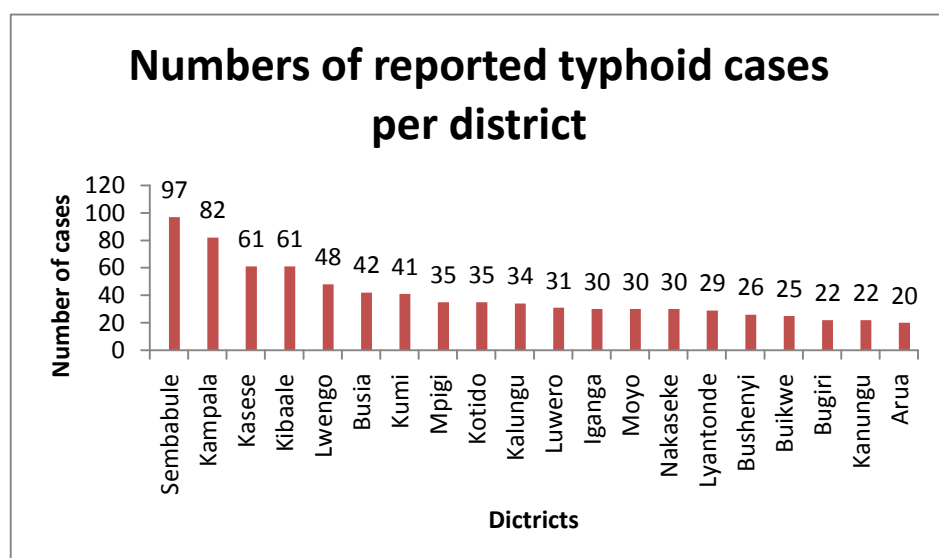
Figure 5: Epidemic curve of cholera outbreak in Kampala District

**Malaria:** The numbers of reported Malaria cases have remained high, with a 13% increase from week 52 of 2015 and the case fatality rate still remains low at about 0.02%. The epidemic districts in Northern Uganda remain above the respective Malaria normal channels. Kasese, Nebbi and Adjumani districts still reported very high malaria cases (over 4000) in week 1, which were comparable to the numbers in the previous week. Gulu district has continued to report the highest number of cases among the districts with confirmed epidemic, although there they did not report any malaria related deaths.

### Other priority diseases

**AFP:** There were seven (7) cases of AFP reported this week but with no death. Five (5) cases were from Abim, 1 from Tororo and the other from Luwero district.

**Typhoid fever:** The number of reported typhoid cases continues to be high. There was a gradual decrease of 6.6% in the number of typhoid cases reported from that reported in week 52 with only 20 (18%) districts reporting 20 or more cases as shown in the figure below



**Measles:** A total of 65 cases of measles were reported during this week with no death. Only two districts; Buikwe and Kampala reported cases above outbreak threshold with 6 and 5 cases respectively.

**Maternal and perinatal deaths:** Seven (7) maternal deaths were reported in this week from six health facilities (Table 2) of which 4 of the facilities were from the western region. All facilities submitted the maternal audit forms

**Table 2: Reported maternal deaths in Week 1 2016**

Region	District	Sub county	Health facility	No of maternal Deaths
Northern	Abim	Alerek sub-county	Wilela HC II	1
Western	Kibaale	Kakumiro Town council	Kakumiro HC IV	1
Western	Bundibugyo	Bundibugyo Town council	Bundibugyo HC IV	2
Western	Mbarara	Rugando sub-county	Kinoni HC IV	1
Western	Kibaale	Kiryanga sub-county	St.Norah HC III	1
Northern	Amolator	Aputi sub-county	Amai Community Hosp	1

## **International Health Event**

### **Ebola VHF in West Africa**

One confirmed case of Ebola virus disease (EVD) was reported in Sierra Leone. Guinea is in its 90-day period of heightened surveillance. Human-to-human transmission linked to the most recent cluster of cases in Liberia will be declared to have ended on 14 January 2016. In order to effectively manage and respond to the consequences of residual Ebola risks, Guinea, Liberia, and Sierra Leone have each put surveillance systems in place to enable health workers and members of the public to report any case of illness or death that they suspect may be related to EVD to the relevant authorities. In this week, 645 alerts were reported in Guinea from 33 of the country's 34 prefectures, with the vast majority of alerts (639) being reports of community deaths. Over the same period 9 operational laboratories in Guinea tested a total of 282 new and repeat samples (18 samples from live patients and 264 from community deaths) from only 16 of the country's 34 prefectures. In Liberia, 633 alerts were received from all of the country's 15

counties, the vast majority of which (529) were for live patients.

The deployment of rapid response teams following the detection of a new confirmed case continues to be a cornerstone of the national response strategy in Guinea, Liberia, and Sierra Leone. Each country has at least 1 national rapid response team, with strengthening of national and subnational rapid-response capacity and validation of incident response plans continuing throughout January.

<http://apps.who.int/ebola/current-situation/ebola-situation-report-11-january-2016>

**Editorial:** Mr. J. Kissa, Dr. B. Masiira, Dr C.Kihembo, Joyce Nguna, Dr. M. Musenero, Mr. M. Mugagga, Dr. J. Wamala, Dr. I. Makumbi, Dr. R. Musoke, Dr. J. Sekajugo, Dr. F. Adatu, Dr. C. Okot, Dr. M. Nanyunja, Dr. I. Nabukenya

**Founders:** Dr. J. Kamugisha (RIP), Dr. J. Wanyana, Dr. M. Lamunu, Dr. C. Mugero, Dr. N Ndayimirigye, Mr. L. Luswa (RIP), Dr. N. Bakyaita, Mr. M. Mugagga

*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)*

**Summary table for epidemiological reports received for Week 1, 2016 (28<sup>th</sup> Dec 2015-3<sup>rd</sup> Jan 2016)**  
**(Numbers in brackets indicate deaths)**

District	% of HU reporting	Malaria	Dysentery	AFP	Animal bites	Bacterial Meningitis	Cholera	Guinea worm	Measles	NNT	Plague	Typhoid
Abim	70	831	10	5	1	0	0	0	0	0	0	0
Adjumani	97.1	4064(3)	30	0	0	0	0	0	0	0	0	1
Agago	70.6	1500	18	0	0	0	0	0	0	0	0	0
Alebtong	83.3	436	2	0	0	0	0	0	0	0	0	0
Amolatar	69.2	197	1	0	0	0	0	0	0	0	0	3
Amudat	100	21	0	0	0	0	0	0	0	0	0	0
Amuria	53.8	1457(2)	2	0	2	0	0	0		0	0	1
Amuru	78.1	2807	16	0	0	0	0	0	0	0	0	0
Apac	56.8	2002	0	0	0	0	0	0	0	0	0	0
Arua	72.6	3205(2)	23	0	2	0	0	0	0	0	0	20
Budaka	93.8	653	5	0	1	0	0	0	0	0	0	0
Bududa	86.7	620	6	0	1	0	0	0	0	0	0	2
Bugiri	72	1,641	9	0	0	0	0	0	1	0	0	22
Buhweju	82.4	164	0	0	0	0	0	0	1	0	0	0
Buikwe	49.1	1,387	3	0	3	0	0	0	6	0	0	25
Bukedea	75	915	5	0	0	0	0	0	0	0	0	0
Bukomansimbi	88.2	456	3	0	0	0	0	0	0	0	0	8
Bukwo	75	65	7	0	2	0	0	0	0	0	0	4
Bulambuli	73.7	378	1	0	0	0	0	0	0	0	0	0
Buliisa	100	532	2	0	0	0	0	0	0	0	0	3
Bundibugyo	70	710(1)	3	0	0	0	0	0	0	0	0	15
Bushenyi	89.7	1,131	2	0	2	0	0	0		0	0	26
Busia	75.9	1,686	2	0	5	0	0	0	0	0	0	42
Butaleja	58.3	504	3	0	0	0	0	0	0	0	0	6
Butambala	65.2	437	4	0	1	0	0	0	0	0	0	2
Buvuma	18.2	109	0	0	0	0	0	0	0	0	0	0
Buyende	86.4	1156	1	0	0	0	0	0	0	0	0	0

Dokolo	93.8	714	3	0	0	0	0	0	0	0	0	4
Gomba	73.7	973	1	0	0	0	0	0	0	0	0	2
Gulu	86	9,800	40	0	3	0	0	0	0	0	0	10
Hoima	42.4	1,097	9	0	1	0	0	0	1	0	0	17
Ibanda	64	1,292	0	0	5	0	0	0	1	0	0	1
Iganga	50	227691)	1	0	3	0	0	0	3	0	0	30
Isingiro	81.4	2,182	1	0	3	0	0	0	0	0	0	18
Jinja	44.9	1785(1)	4	0	1	0	0	0	3	0	0	8
Kaabong	81.5	628	8	0	7(1)	0	0	0	0	0	0	6
Kabale	72.9	492	1	0	10	0	0	0		0	0	
Kabarole	54.9	661	0	0	3	0	0	0	0	0	0	10
Kaberamaido	68	686	11	0	0	0	0	0	0	0	0	3
Kalangala	76.5	228	5	0	3	0	0	0	2	0	0	4
Kaliro	52.4	633	0	0	0	0	0	0	0	0	0	0
Kalungu	51.7	483(1)	3	0	1	0	0	0	0	0	0	34
Kampala	19.6	720(1)	6	0	1	0	0	0	5	0	0	82
Kamuli	32.2	1653(1)	5	0	5	0	0	0	0	0	0	9
Kamwenge	54.3	1,803	5	0	1	0	0	0	1	0	0	1
Kanungu	77.1	10129(1)	1	0	0	0	0	0	1	0	0	22
Kapchorwa	90	606(1)	8	0	0	0	0	0	0	0	0	3
Kasese	84.8	4,336	7	0	2	0	0	0	1	0	0	61
Katakwi	53.8	728	3	0	3	0	0	0	0	0	0	2
Kayunga	39.3	666	7	0	1	0	0	0	0	0	0	0
Kibaale	64.8	1,654	2	0	2	0	0	0	1	0	0	61
Kiboga	66.7	1,035	1	0	1	0	0	0	1	0	0	17
Kibuku	86.7	416	2	0	2	0	0	0	1	0	0	6
Kiruhura	67.4	1,151	0	0	1	0	0	0	1	0	0	12
Kiryandongo	80.8	1,505	3	0	0	0	0	0	2	0	0	4
Kisoro	97.4	214	0	0	1	0	0	0	0	0	0	3
Kitgum	57.1	2,463	19	0	4	0	0	0	0	0	0	13
Koboko	87.5	1334(1)	7	0	2	0	0	0	0	0	0	0

Kole	100	1112	0	0	0	0	0	0	0	0	0	0
Kotido	31.6	293	21	0	0	0	0	0	0	0	0	35
Kumi	55.6	747	3	0	1	10	0	2	0	0	0	41
Kween	66.7	408	2	0	0	0	0	0	0	0	0	6
Kyankwanzi	60	520	2	0	0	0	0	0	0	0	0	4
Kyegegwa	66.7	876	0	0	0	0	0	0	0	0	0	4
Kyenjojo	40.4	525	3	0	0	0	0	0	1	0	0	1
Lamwo	76.2	2813(1)	6	0	3	1	0	0	0	0	0	0
Lira	81.3	1217(1)	8	0	4	0	0	0	0	0	0	18
Luuka	41.9	757	0	0	0	0	0	0	0	0	0	0
Luwero	68.9	1,299	6	1	0	0	0	0	0	0	0	31
Lwengo	80.6	1,569	1	0	5	0	0	0	2	0	0	48
Lyantonde	60	953	0	0	2	0	0	0	2	0	0	29
Manafwa	70.8	574(1)	9	0	3	0	0	0	0	0	0	8
Maracha	100	1,811	8	0	3	0	0	0	0	0	0	15(2)
Masaka	61.5	1283(1)	2	0	1	0	0	0	0	0	0	10
Masindi	55.8	1,135	6	0	2	0	0	0	1	0	0	1
Mayuge	52.2	1675	12	0	0	0	0	0	0	0	0	0
Mbale	60	1,165	2	0	0	0	0	0	0	0	0	2
Mbarara	61.2	672	6	0	9	0	0	0	3	0	0	19
Mitooma	50	649	0	0	0	0	0	0	0	0	0	0
Mityana	50.8	2446(2)	3	0	14	0	0	0	1	0	0	3
Moroto	33.3	543(1)	1	0	9	0	0	0	0	0	0	2
Moyo	100	3,452	15	0	2	0	0	0	1	0	0	30
Mpigi	82.5	951	1	0	1	0	0	0	0	0	0	35
Mubende	35.1	1,250	1	0	0	0	0	0	4	0	0	9
Mukono	59.2	1,261	3	0	2	0	0	0	0	0	0	7
Nakapiripirit	58.8	788	22	0	5	1	0	0	0	0	0	5
Nakaseke	79.2	1,204	10	0	5	0	0	0	1	0	0	30
Nakasongola	60	1,299	8	0	2	0	0	0	0	0	0	6
Namayingo	53.1	768	6	0	1	0	0	0	0	0	0	0

Namutumba	61.8	1,388	1	0	0	0	0	0	0	0	0	1
Napak	71.4	918	8	0	7	0	0	0	0	0	0	1
Nebbi	95.3	4,657	21	0	4	0	0	0	2	0	0	15
Ngora	83.3	481	4	0	0	0	0	0	0	0	0	0
Ntoroko	77.8	245	4	0	1	0	0	0	0	0	0	2
Ntungamo	31.8	895(2)	0	0	0	0	0	0	1	0	0	0
Nwoya	77.8	1106(1)	2	0	0	0	0	0	0	0	0	0
Otuke	73.3	238	4	0	0	0	0	0	1	0	0	1
Oyam	64.5	1825(2)	2	0	8	0	0	0	0	0	0	1
Pader	64.1	2,976	27	0	0	0	0	0	1	0	0	1
Pallisa	60.6	856	8	0	1	0	0	0	2	0	0	2
Rakai	48.6	2,970	4	0	0	0	0	0	2	0	0	13
Rubirizi	47.4	671(1)	1	0	1	0	0	0	0	0	0	1
Rukungiri	49.4	473	0	0	0	0	0	0	1	0	0	5
Sembabule	100	1,892	2	0	2	0	0	0	2	0	0	97
Serere	95.2	1335(1)	1	0	4	0	0	0	1	0	0	0
Sheema	85.3	645	0	0	1	0	0	0	0	0	0	0
Sironko	76.7	1184	2	0	1	0	0	0	0	0	0	0
Soroti	55.6	1373(1)	9	0	6	0	0	0	0	0	0	11
Tororo	59.7	763	10	1	3	0	0	0	0	0	0	12
Wakiso	32.9	2,465	8	0	2	0	0	0	4	0	0	12(1)
Yumbe	100	2,813	19	0	1	0	0	0	0	0	0	9
Zombo	100	1,896	20	0	2	0	0	0	0	0	0	6

**Key:** Yellow: 100% reporting, Green: 80-99% reporting, Red: Below 80% reporting

HU= Health Units, AFP=Acute Flaccid Paralysis, NNT=Neonatal Tetanus, NR =Not Reported

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