



Ministry of Health Uganda

Weekly Epidemiological Bulletin

Summary Table

Indicator	Week 23 2015	Week 24 2015
% Districts	100	100
Ave % HU	66	68
% Timely reports	78	81
AFP	4(0)	17(0)
Rabies	596(2)	356(1)
Cholera	3(0)	0
Dysentery	1138(0)	1073(0)
Guinea Worm	1(0)	6(0)
Malaria	228179 (51)	240294 (48)
Measles	162 (0)	171(0)
Meningitis	4 (0)	11(0)
NNT	1(0)	0
Plague	0	0(0)
Typhoid	2382(1)	2324(3)

Completeness of Reporting

All 112 districts reported this week. The highest reporting rate was seen in the Northern region (78%) while the lowest rate was in central region (58%) (**Figure 1**). Although the overall reporting rate slightly improved from 66% to 68%, the number of districts that achieved the set target ≥ 80 reduced from 42 in week 23 to 39 in week 24. Five districts had a reporting rate of 100% i.e. **Amudat, Kween, Kyegegwa, Moyo and Gulu**. Of the five districts mentioned above, only Amudat had 100% reporting rate in week 23. Twenty six districts had a reporting rate below 50% reporting (highlighted in pink), with Gomba and Pader scoring 6% and 3% respectively.

In some districts that had IDSR training there is significant change in reporting

Epidemiological week 24 of 2015 [7th – 13th June 2015]

completeness, thus achieving the 80% target (**Figure 2**).

Timeliness

Timely reporting improved from 78% in week 23 to the national target of 81% in week 24 (**Figure 3**). Fifty two districts achieved the target of $\geq 80\%$ timeliness.

Disease Outbreaks

Cholera: In week 24, there was no district that reported any cholera case. However, a new cluster of cholera cases emerged on 17th June 2015 in Katwe Kabatoro Trading Centre (Kasese district). A treatment centre has been opened at Katwe-Kabatoro Health Centre III. The Ministry of Health team went to the districts to carry out epidemiological investigation to identify the source of the outbreak and to guide prevention and control activities.

Measles: The number of measles cases continued to increase from 142 (week 22) to 162 (week 23) and 171 in week 24. Analysis weekly data in DHIS-2 indicates that this may be due to seasonal variations (**Figure 4**). The peak of cases in 2014 and the one in 2015 occurred around the same time but in 2015, there was prolongation. There was no death attributed to Measles. Forty two districts reported at least one case. Four districts reported 10 or more cases of measles i.e. Kampala (25), Kamwenge (12), Buikwe (10) and Kabarole (10). During week 23, Kampala, Buikwe and Kamwenge districts still reported more than ≥ 10 cases.

Typhoid fever: There was no significant change in the number typhoid cases reported in week 23 and week 24 (2384 vs. 2324).

Other priority diseases

AFP: Six districts reported at least one case of AFP i.e. Oyam district (4), Kitgum district (1), Mpigi district (1), Butambala district (1), Rukungiri district (6) and Bundibugyo district (4). There need to verify this data from Rukungiri and Bundibugyo districts.

Rabies: The number of reported animal bites reduced from 596 to 356, a reduction of 40%. Eighty one districts reported one or more cases of animal bites. Only 8 districts reported 10 or more cases.

Dysentery: The number of reported dysentery cases was 1073 with no death reported. A total of 32 districts reported ≥ 10 cases.

Meningitis: Eleven cases of Meningitis were reported from 6 districts with the highest number reported by Gulu (3) and Rukungiri (3) districts (3) i.e. Kabarole and Hoima. Compared to week 22, there was a 60% reduction in the number of reported cases.

Malaria: Data from DHIS-2 shows that since the beginning of 2015, the number of reported malaria cases in all regions of the country has been increasing (Figure 4). The Northern region has seen a more sharp increase in the number of cases compared to other regions. Districts that reported above 3000 cases also increased from 23. Over 10000 malaria cases were reported from Abim district. There is an outbreak of malaria in Northern Uganda and a team response team from Ministry of Health is working with affected districts to respond and control this outbreak. On the 23rd June 2015, 230 confirmed malaria cases were diagnosed from Kitgum and Lamwo districts. There were no deaths attributed to malaria in these districts. Kitgum district Anti-Malarial stock is running low. An emergency order for Anti-Malarials was made by the district but it has not yet been delivered by NMS.

Neonatal tetanus: No case of neonatal tetanus was reported.

Guinea worm: Six cases were reported in Buyende (1). The case reported in Kayunga in week 19 and in Hoima in week 23 were larval migrans.

Maternal deaths: Ten maternal deaths were reported from nine districts.

Health Facility	Maternal Deaths	Perinatal Deaths
Apac Hospital	1	1
Bugiri Hospital	1	2
Fort Portal Regional Referral Hospital	1	4
Bugalo HC III	1	1
Virika Hospital	1	0
Nakaseke Hospital	2	1
Mityana Hospital	1	1
Ibanda General Hospital	1	1
Ibulanku Community Health Centre III	1	0

International health events:

Plague: One young man of 16 years of age died of Plague Larimer County, [Colorado], USA. This is the first confirmed case of plague in this state since 1999. This patient acquired the infection most likely from fleas from a dead rodent or other animal around his home. No other cases have been identified but tracing of the people who visited the home is on-going.

MERS-CoV: This outbreak is still going on. Three new cases were reported in South Korea on 23rd June 2015. The total number of cases and deaths now stands at 175 and 27 respectively. Ninety four patients were currently receiving treatment and 54 patients had recovered from the disease.

EBOLA VHF: The outbreak started in December 2013 in Guinea and spread to several West African countries but mostly affecting Guinea, Sierra Leone and Liberia. The current epidemic picture is presented in the table below.

Ebola VHF cases (Total and Suspected) in West Africa

	Guinea (21 ST June)	Sierra Leone (21 ST June)	Liberia (9 May)
Number of cases (deaths)	3718 (2473; 34 new cases in past 21 days)	13 059 (3928; 37 in past 21 days)	10 666 (4806; 0 in past 21 days)
Confirmed cases (deaths)	3257 (2030)	8657 (3562)	3151
All countries: 27 443 (11 207; 71 in past 21 days); Confirmed 15 065			

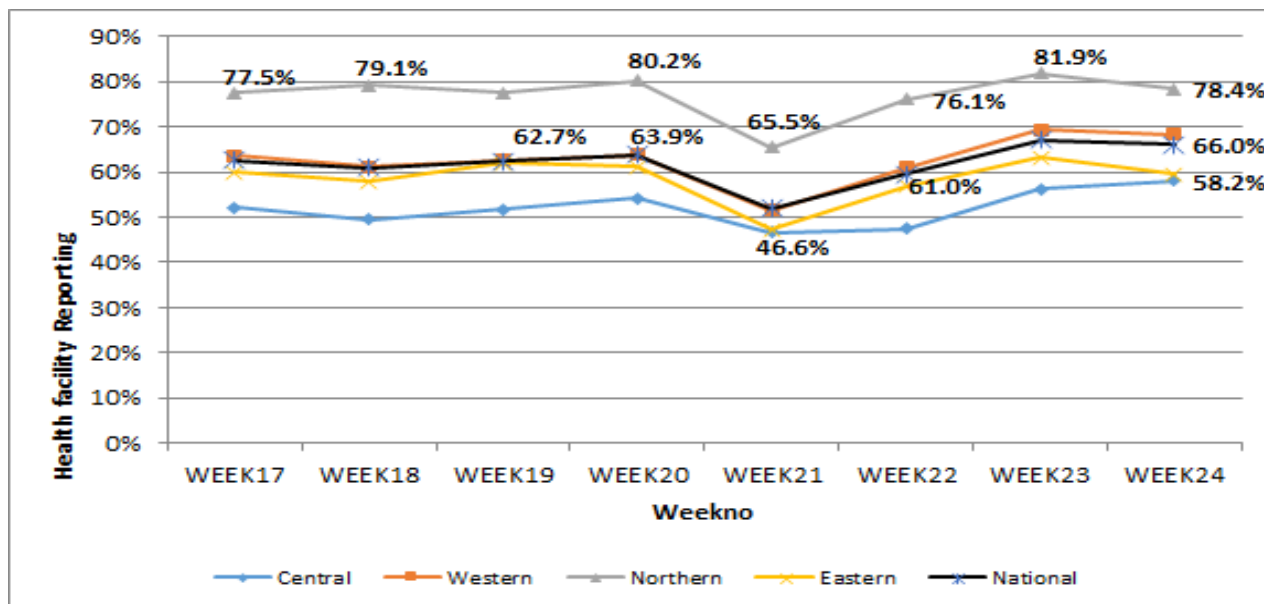


Figure 1: Reporting completeness by region and epidemiological week

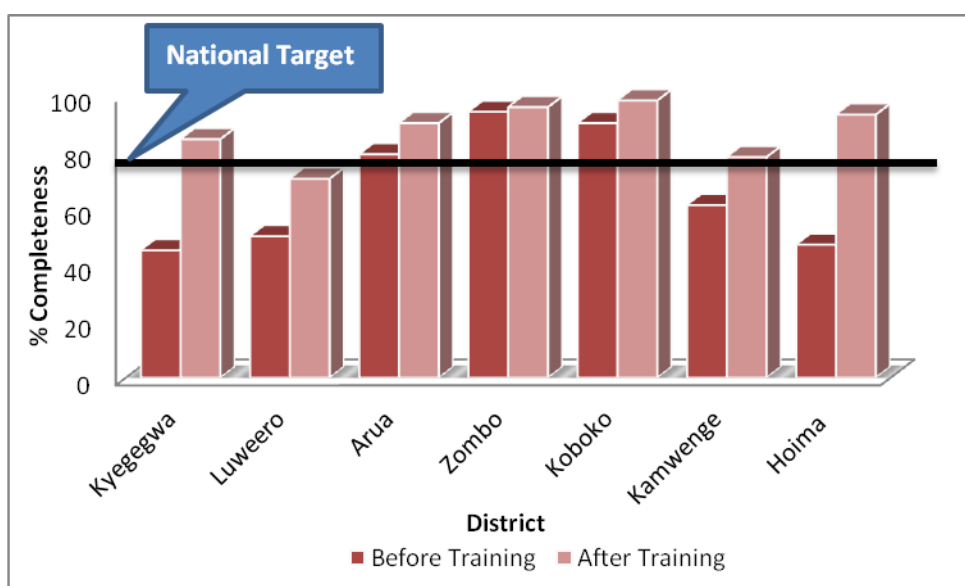


Figure 2: Comparison of completeness of weekly reporting in selected districts before and after IDSR training

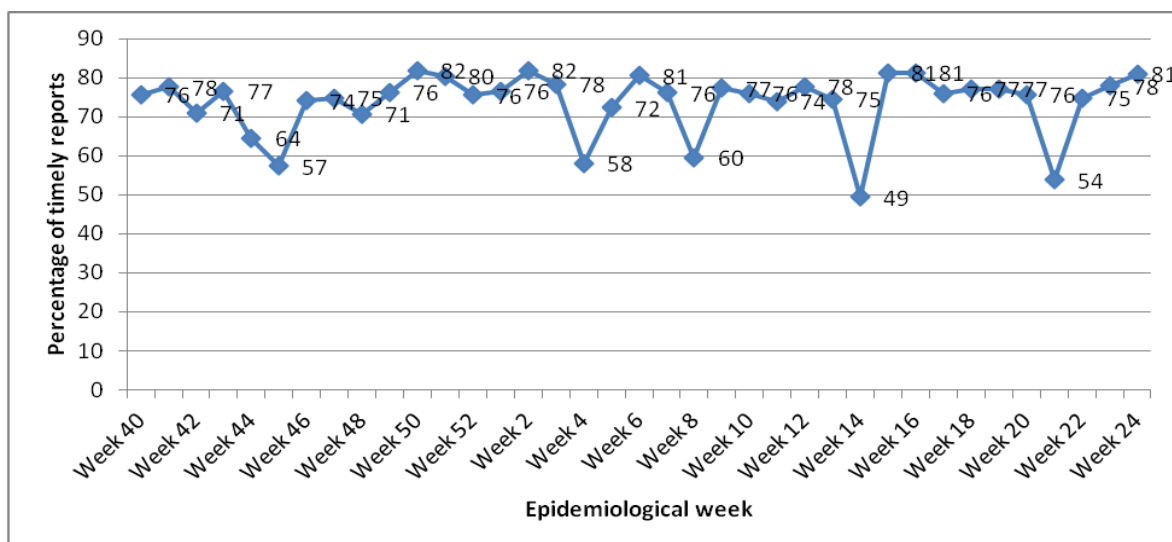


Figure 3: Trend of timeliness of submitted weekly reports by facilities in 112 districts

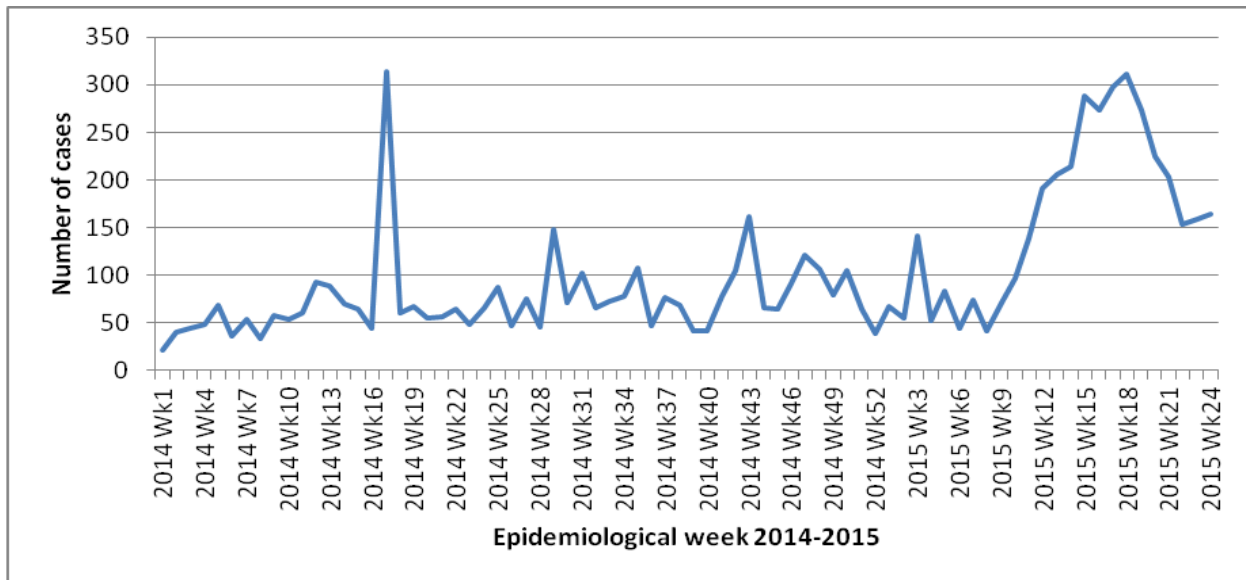


Figure 4: Trends in Measles cases from 2014 to 2015

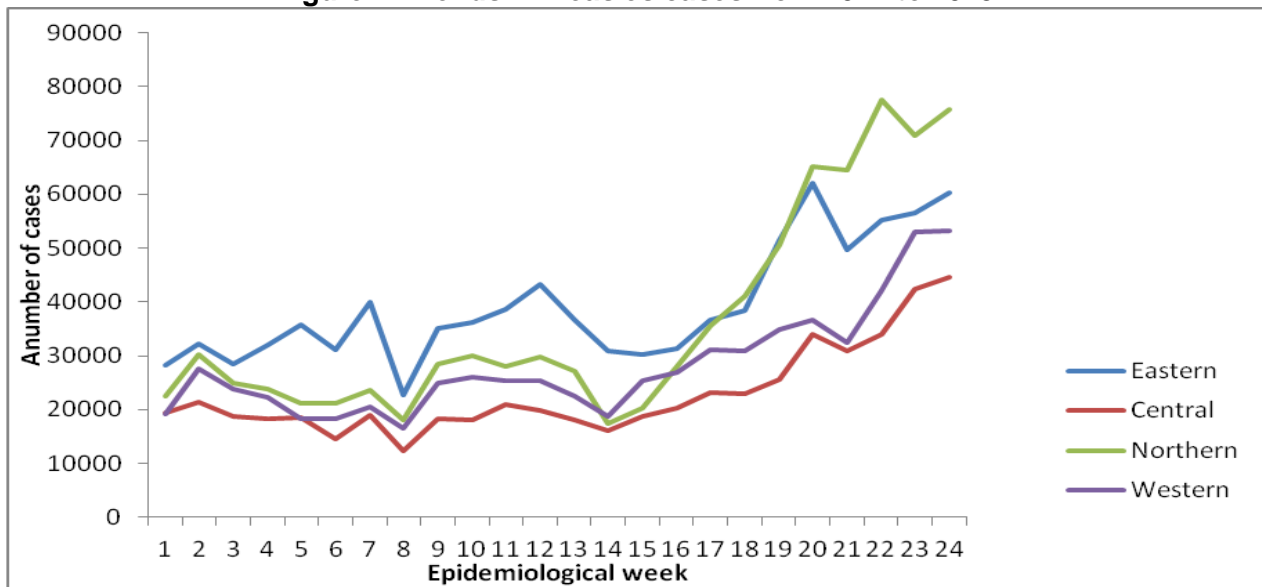


Figure 5: Weekly trends in reported Malaria cases by region in 2015

Summary table for epidemiological reports received for week ending 13th June 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	89.5	0	0	0	36	0	1513	0	0	0	0	3
Adjumani	68.6	0	0	0	30	0	3619(1)	0	1	0	0	0
Agago	75.8	0	1	0	24	0	3156	0	0	0	0	0
Alebtong	64.3	0	2	0	3	0	1010	0	0	0	0	1
Amolatar	76.9	0	2	0	3	0	1075	0	0	0	0	7
Amudat	100	0	0	0	11	0	728	0	0	0	0	5
Amuria	67.6	0	4	0	9	0	3518(2)	0	0	0	0	3
Amuru	77.4	0	2	0	14	0	3236(1)	0	0	0	0	0
Apac	65.6	0	6	0	0	0	2716(1)	0	0	0	0	0
Arua	89.9	0	13	0	44	0	10067	0	2	0	0	67
Budaka	37.5	0	2	0	9	0	560	0	0	0	0	0
Bududa	86.7	0	4	0	11	0	1452	1	0	0	0	4
Bugiri	25.6	0	1	0	4	0	824	0	0	0	0	10
Buhweju	46.7	0	0	0	0	0	184	0	0	0	0	0
Buikwe	80	0	6	0	14	0	2965	10	0	0	0	30
Bukedea	36.4	0	0	0	1	0	482	0	0	0	0	0
Bukomansimbi	82.4	0	0	0	3	0	1261	0	0	0	0	7
Bukwo	87.5	0	12	0	34	0	477	0	0	0	0	41
Bulambuli	80	0	1	0	0	0	1060	0	0	0	0	0
Buliisa	80	0	0	0	4	0	1374	0	0	0	0	6
Bundibugyo	75.9	4	7	0	26	0	2789	0	0	0	0	25
Bushenyi	37.8	0	3	0	3	0	815	1	0	0	0	5
Busia	39.3	0	5(1)	0	7	0	2238(1)	1	0	0	0	12(2)
Butaleja	62.5	0	1	0	2	0	1760	0	0	0	0	0
Butambala	91.3	1	0	0	2	0	1468	0	0	0	0	34
Buvuma	90.9	0	0	0	8	0	611	1	0	0	0	4
Buyende	85	0	1	0	1	1	1654	0	0	0	0	0
Dokolo	87.5	0	3	0	0	0	2010	0	0	0	0	7
Gomba	66.7	0	0	0	7	0	1186	0	0	0	0	0
Gulu	96.8	0	8	0	53	0	6455(2)	0	3	0	0	71
Hoima	96.3	0	12	0	47	0	5476(4)	1	0	0	0	74
Ibanda	43.5	0	1	0	0	0	1918	0	0	0	0	9
Iganga	39.6	0	1	0	2	0	2849(1)	0	0	0	0	3
Isingiro	77.8	0	0	0	4	0	3245	0	0	0	0	43
Jinja	34.4	0	1	0	3	0	2406	0	0	0	0	8
Kaabong	85.2	0	8	0	33	0	3346	0	0	0	0	13
Kabale	83.1	0	5	0	0	0	406	0	0	0	0	0
Kabarole	77	0	3	0	7	0	3452(4)	10	0	0	0	32
Kaberamaido	52.4	0	3	0	6	0	2383	0	0	0	0	5
Kalangala	64.7	0	1	0	11	0	336	1	0	0	0	1
Kaliro	50	0	0	0	0	0	1736	0	0	0	0	8
Kalungu	65	0	0	0	0	0	1091	0	0	0	0	32
Kampala	58.5	0	6	0	35	0	3582	25	0	0	0	292
Kamuli	47.3	0	3	0	2	0	2976(1)	2	0	0	0	11
Kamwenge	88.9	0	4	0	5	0	4123(1)	12	0	0	0	4
Kanungu	60.9	0	1	0	4	0	1080	1	0	0	0	64

District	% of H/U reporting	AFP	Animal bite (Suspected Rabies)	Cholera	Dysentery	Guinea Worm	Malaria	Measles	Meningitis	NNT	Plague	Typhoid Fever
Kapchorwa	88.2	0	1	0	17	0	983	0	0	0	0	5
Kasese	66.3	0	1	0	2	0	5160	3	0	0	0	16
Katakwi	40.9	0	1	0	3	0	2882	0	0	0	0	0
Kayunga	95.8	0	6	0	18	0	3593(3)	1	0	0	0	7
Kibaale	74.5	0	1	0	9	0	3581(3)	5	0	0	0	116
Kiboga	66.7	0	0	0	2	0	718	0	0	0	0	21
Kibuku	46.7	0	0	0	2	0	480	0	0	0	0	4
Kiruhura	57.9	0	0	0	0	0	1626	0	0	0	0	2
Kiryandongo	72	0	0	0	2	0	2902(1)	4	0	0	0	9
Kisoro	94.7	0	1	0	0	0	305	1	0	0	0	3
Kitgum	61.9	0	3	0	9	0	2394(1)	0	0	0	0	28
Koboko	93.8	1	4	0	5	0	2922	3	1	0	0	13
Kole	75	0	5	0	2	0	2010	0	0	0	0	0
Kotido	35.3	0	1	0	45	0	1204	0	0	0	0	55
Kumi	56	0	5	0	5	0	3034	0	0	0	0	28
Kween	100	0	2	0	14	0	814	0	0	0	0	3
Kyankwanzi	75	0	0	0	0	0	1430	1	0	0	0	28
Kyegegwa	100	0	2	0	1	0	3672	7	0	0	0	0
Kyenjojo	61.5	0	2	0	5	0	2350	2	0	0	0	13
Lamwo	80	0	0	0	0	0	1791	0	0	0	0	0
Lira	55.6	0	0	0	3	0	1628(1)	0	0	0	0	16
Luuka	67.9	0	0	0	0	0	1443	1	0	0	0	2
Luwero	74	0	8	0	6	0	3190	8	0	0	0	128
Lwengo	26.1	0	1	0	0	0	523	1	0	0	0	24
Lyantonde	48.1	0	0	0	0	0	655	1	0	0	0	92
Manafwa	82.6	0	2	0	2	0	2064(1)	0	0	0	0	37(1)
Maracha	92.9	0	7	0	14	0	2895(2)	0	0	0	0	36
Masaka	71	0	0	0	3	0	1298	3	1	0	0	7
Masindi	80	0	21	0	7	0	2841	4	0	0	0	15
Mayuge	35.7	0	1	0	10	0	1597	1	0	0	0	0
Mbale	77.6	0	2	0	5	0	2819(1)	0	0	0	0	10
Mbarara	82.8	0	7	0	6	0	1725	6	0	0	0	52
Mitooma	80	0	2	0	0	0	1584	1	0	0	0	0
Mityana	60.4	0	22	0	6	0	3208(1)	6	0	0	0	8
Moroto	71.4	0	2	0	22	0	1316	0	0	0	0	2
Moyo	100	0	5	0	11	0	4549	0	0	0	0	47
Mpigi	93.8	1	0	0	6	0	1860	1	0	0	0	39
Mubende	23.8	0	9	0	6	0	1937	7	0	0	0	47
Mukono	72.1	0	1	0	15	0	2817(1)	1	0	0	0	10
Nakapiripirit	82.4	0	0	0	37	0	1796	0	0	0	0	12
Nakaseke	60.9	0	1	0	7	0	1165	2	0	0	0	30
Nakasongola	42.4	0	1	0	7	0	993	6	0	0	0	24
Namayingo	13.8	0	0	0	6	0	223	0	0	0	0	1
Namutumba	69.7	0	3	0	4	0	2644	0	0	0	0	0
Napak	91.7	0	3	0	37	0	1660	0	0	0	0	0
Nebbi	84.1	0	17	0	39	0	4123(2)	0	0	0	0	31
Ngora	50	0	0	0	4	0	1419	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
Ntoroko	33.3	0	0	0	1	0	69	0	0	0	0	1
Ntungamo	46.5	0	17	0	3	0	536(2)	2	0	0	0	2
Nwoya	80	0	1	0	1	0	1455	0	0	0	0	0
Otuke	100	0	2	0	5	0	1741	0	0	0	0	5
Oyam	64	4	6	0	3	0	2420(3)	0	0	0	0	5
Pader	3.1	0	0	0	2	0	141	0	0	0	0	0
Pallisa	56.7	0	1	0	8	0	2390(2)	0	0	0	0	24
Rakai	30.1	0	1	0	18	0	2886	8	0	0	0	2
Rubirizi	82.4	0	0	0	2	0	1281	0	0	0	0	5
Rukungiri	60.3	6	6	0	6	0	1197	2	3	0	0	13
Sembabule	66.7	0	1	0	6	0	1887	0	0	0	0	76
Serere	63.6	0	0	0	7	0	2165(2)	0	0	0	0	0
Sheema	64.7	0	5	0	0	0	1270	2	0	0	0	0
Sironko	62.1	0	0	0	1	0	1879	0	0	0	0	0
Soroti	64.5	0	13	0	24	0	5331	0	0	0	0	20
Tororo	47.1	0	9	0	7	0	2921(1)	0	0	0	0	28
Wakiso	50.9	0	3	0	16	0	3962(1)	7	0	0	0	151
Yumbe	95.8	0	5	0	21	0	4516(1)	0	0	0	0	23
Zombo	94.7	0	3	0	16	0	1756	8	0	0	0	7
National	68	17(0)	356(1)	0	1073 (0)	1(0)	240294 (48)	171 (0)	11 (0)	0(0)	0 (0)	2275 (0)

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

Compiled by the Epidemiological Surveillance Division, Ministry of Health