



Ministry of Health Uganda

Weekly Epidemiological Bulletin

Summary Table

Indicator	Week 26 2015	Week 27 2015
% Districts	99	99
Ave % HU	67	68
% Timely reports	82	79
AFP	3(0)	3(0)
Rabies	417(1)	372(0)
Cholera	10(0)	10(0)
Dysentery	1147(0)	984(0)
Guinea Worm	4(0)	3(0)
Malaria	255532 (69)	252738 (67)
Measles	149(0)	199(0)
Meningitis	13(4)	35(2)
NNT	0	4(1)
Plague	0	0
Typhoid	2400(4)	2245(6)

Completeness of Reporting

The percentage of health facilities that reported remained at 99%. The national reporting rate slightly improved from 67% in week 26 to 68% in week 27. Thirty six districts (32%) achieved the set target of $\geq 80\%$ are highlighted in yellow (100%) and green (80-99%). Up to 68% of districts did not achieve the target for reporting (highlighted in red). Kampala reporting level has improved to 64% from $<10\%$ at the start of 2015.

Timeliness

Overall timely reporting reduced from 82% in week 26 to 78% in epidemiological week 27.

Epidemiological week 27 [28th June – 4th July 2015]

Disease Outbreaks

Cholera: Ten cholera cases were reported by Kasese district in week 27. There are no new cases in the last one week. As of 15 July 2015, a total of 246 suspected/confirmed cases including 2 deaths (CFR 0.8%) have been reported. The cases were managed in Bwera, Katwe-Kabatoro and Kinyabwamba cholera treatment centres.

Measles: There was an increase in the number of measles cases compared to what was reported in week 26. Three districts reported more than 10 suspected cases with the highest number reported from Kampala (59) followed by Kamwenge (16) where there is a confirmed measles outbreak. The MoH, through its Field Epidemiology Fellowship Program, is currently conducting an extended epidemiological investigation. Weekly data from Kamwenge district shows that number of measles cases started rising in week 19 (**Figure 1**).

Typhoid fever: Typhoid cases continued to decline from 2594 in week 25 to 2400 in week 26 and 2245 in the week 27. Thirty districts reported more than 20 cases of typhoid with the highest number of cases (421) reported by Kampala district. Data from Kampala indicates that the district has gone back to endemic after having an outbreak. Typhoid levels (**Figure 2**). Six deaths were attributed to typhoid fever; one in Maracha, 2 in Luweero and 3 in Kibaale districts.

Other priority diseases

AFP: Three cases of AFP were reported by 3 districts i.e. Kampala, Kiryandongo and Tororo.

Rabies: There was a slight decrease in the number of reported cases of animal bites from 417 in week 26 to 372 in week 27.

Dysentery: The number of reported dysentery cases reduced from 1147 in week 26 to 984 in week 27. Thirty two districts reported 10 or more cases. Zombo district reported 12 cases compared to 146 cases reported in week 26.

Meningitis: There was an increase in the number suspected cases of Meningitis from 13 in week 26 to 35 in week 27. Kibaale district reported the highest number of cases (25). This data need verification from the DHO.

Malaria: Across all regions of the country, the number of reported malaria cases is still increasing (**Figure 3**). The Northern region bears the brunt of malaria upsurge with 10 districts confirmed to be having an outbreak. Data shows that the number of cases in the 10 affected districts is still increasing rapidly (**Figure 4**).

Neonatal tetanus: Four cases of neonatal tetanus and one death were reported in 3 districts; Hoima (2 cases, 1 death), Namayingo (1 case) and Maracha (1 case).

Human Influenza: Out of 15 samples processed by the Makerere University Walter Reed Influenza Project and the National Influenza Centre in Entebbe, none was positive. Only 3 cases have been positive for Influenza B.

Guinea worm: Three cases were reported from Kampala. The information has been shared with GWEP for full investigation. The previous cases were investigated and found to be due to cutaneous larva migrans. One case investigated in Hoima was also not positive. A full audit of all the cases reported this year is undergoing by the GWEP, and a report will be reported for the first half of 2015.

Maternal deaths: Seventeen maternal deaths were reported 11 districts. However, the 5 deaths reported from Busembatia HC III (Iganga district) has been confirmed to be a data entry error.

International health events:

Middle East Respiratory Syndrome (MERS–COV):

by 15th July 2015, two new cases and no death have been reported in South Korea but no case or death occurred in Saudi Arabia. To date, there have been a total of: 189 laboratory-confirmed cases of MERS-CoV infection, 33 deaths, 56 recoveries, and 13 currently under treatment (www.promedmail.com).

Crimean Congo Haemorrhagic fever (CCHF): This disease, which was first confirmed from Russia, has killed one person in Pakistan. Two cases have been reported in Philippines with a travel link to Pakistan. The disease is transmitted through tick bites or contact with infected human blood or animal blood and tissues. However, the exact source of infection for this case is not yet known. CCHF is endemic in Pakistan and Afghanistan.

Zika Virus in Ceara State, Brazil: As of 15th July, 2 new cases of 14 samples tested were positive for the virus. There is similarity of clinical case definitions of suspected cases of measles and those of Zika virus [infection], as both diseases include fever, rash, and conjunctivitis. Mass vaccination in the affected state to interrupt transmission of measles has been planned.

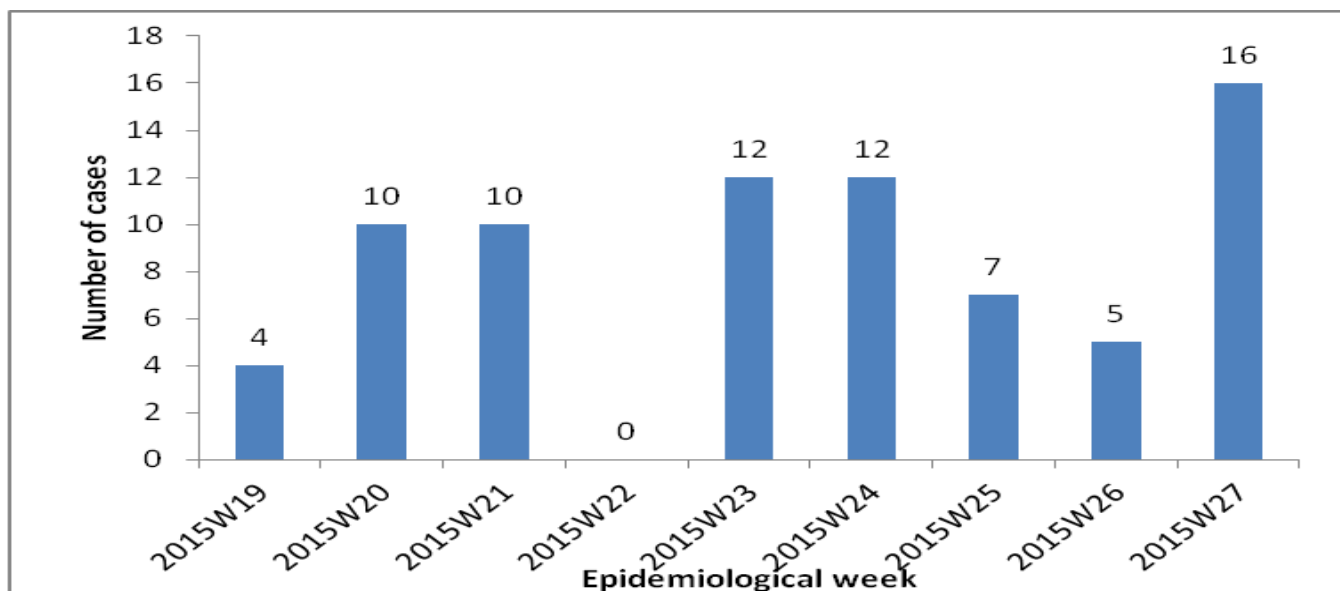


Figure 1: Measles cases in Kamwenge district by epidemiological week

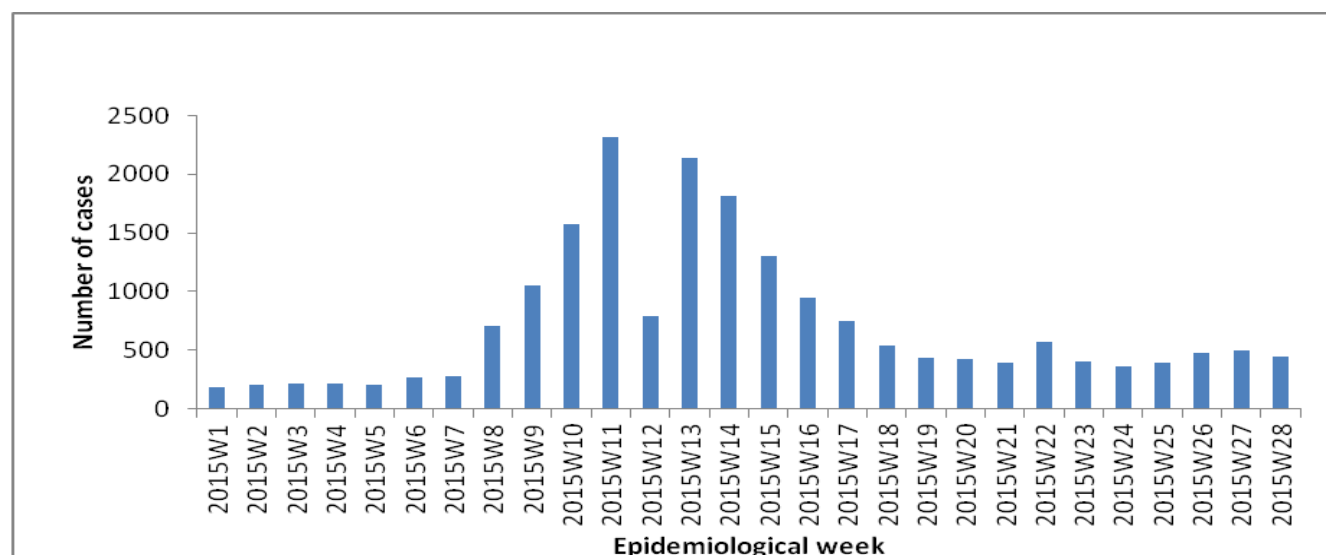


Figure 2: Typhoid cases in Kampala district by epidemiological week

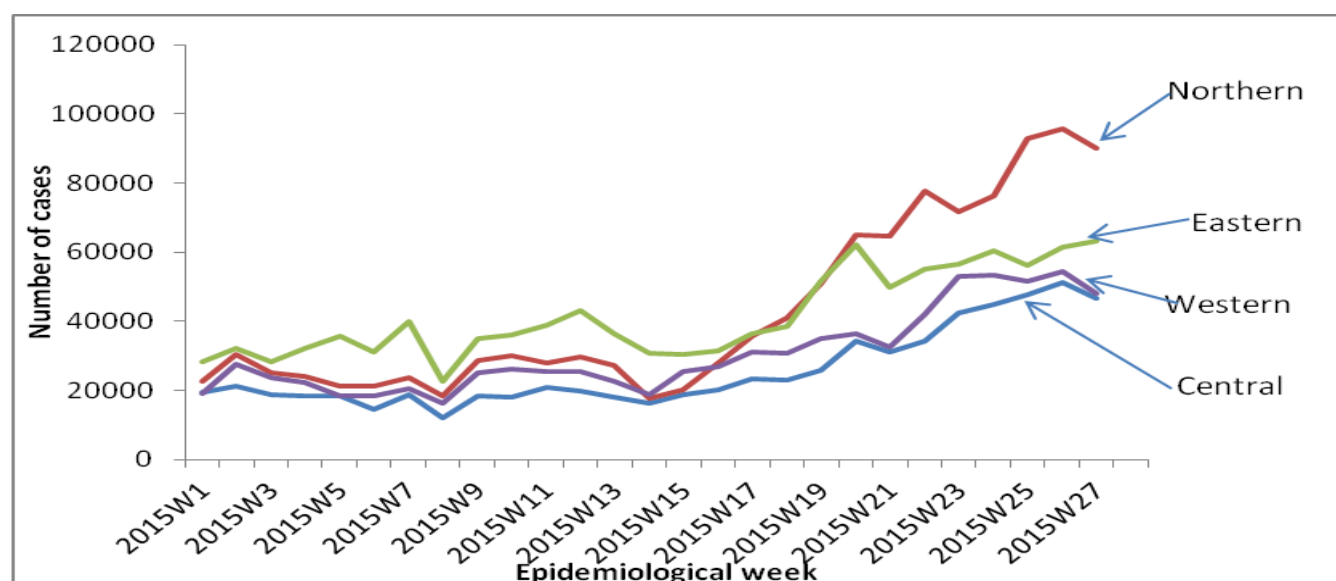


Figure 3: Malaria cases by epidemiological week; 2014-2015

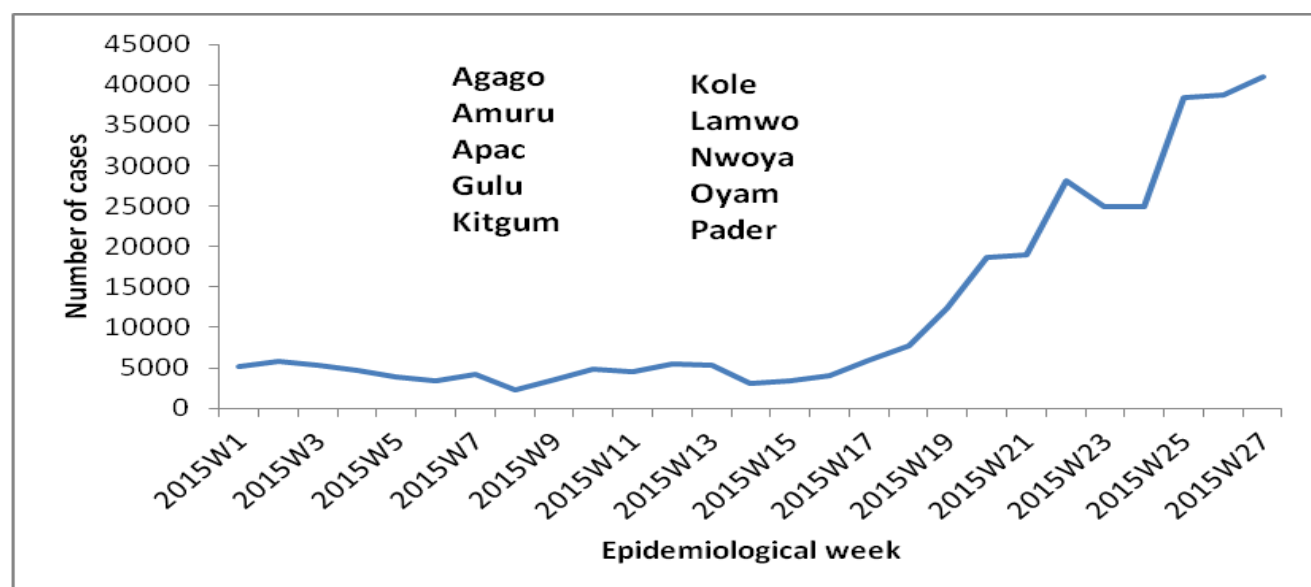


Figure 4: Malaria cases by epidemiological week in 10 districts

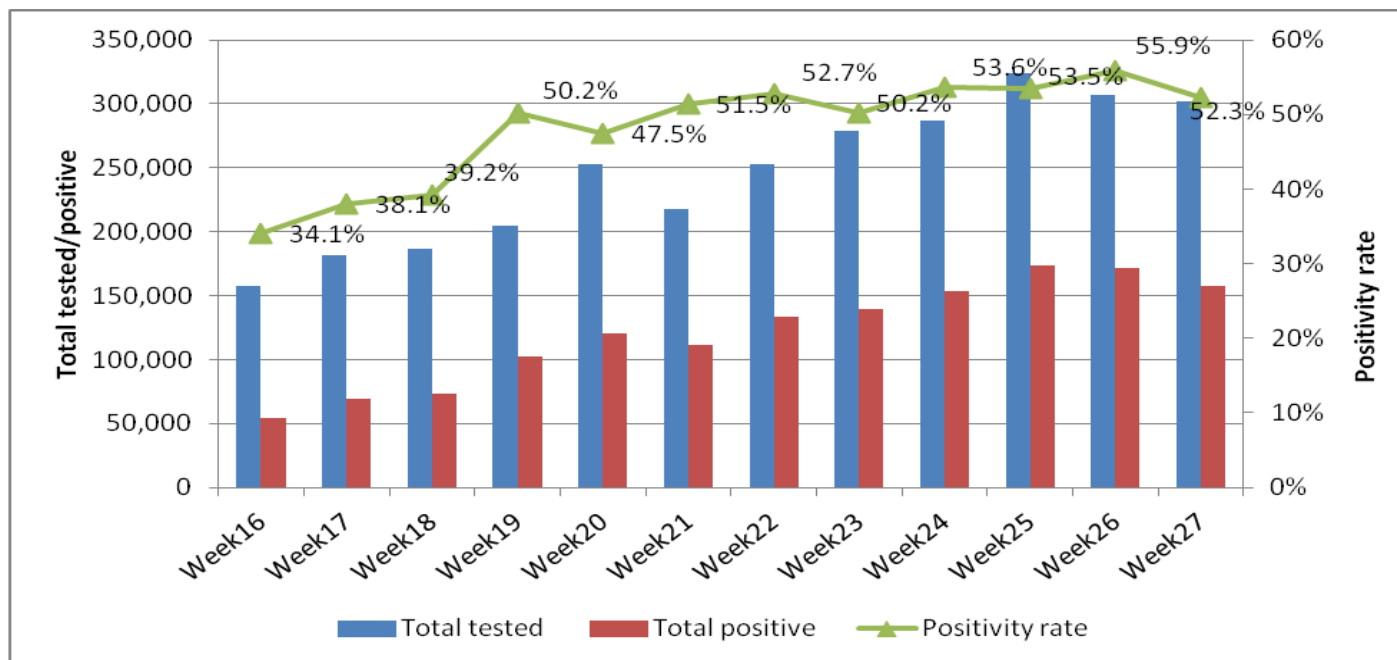


Figure 5: Malaria positivity from epidemiological week 16 to 27 shows an increasing trend

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Summary table for epidemiological reports received for week ending 4th July 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	70	0	0	0	9	0	1255	0	0	0	0	1
Adjumani	74	0	3	0	31	0	3806	0	0	0	0	0
Agago	85	0	2	0	35	0	3029	0	0	0	0	9
Alebtong	41	0	1	0	5	0	1150	0	0	0	0	4
Amolatar	77	0	0	0	1	0	1049	0	0	0	0	3
Amudat	100	0	0	0	5	0	370	0	0	0	0	14
Amuria	82	0	6	0	3	0	4249	1	2(2)	0	0	1
Amuru	81	0	1	0	19	0	3872	0	0	0	0	0
Apac	69	0	1	0	0	0	4907	0	0	0	0	0
Arua	79	0	9	0	37	0	7277	4	1	0	0	84
Budaka	74	0	3	0	6	0	1128	0	0	0	0	26
Bududa	87	0	1	0	4	0	1230(2)	0	0	0	0	7
Bugiri	76	0	3	0	8	0	3033(9)	0	0	0	0	47
Buhweju	47	0	0	0	0	0	185	0	0	0	0	0
Buikwe	89	0	8	0	9	0	3383	4	0	0	0	81
Bukedea	24	0	0	0	2	0	212	0	0	0	0	0
Bukomansimbi	71	0	0	0	1	0	1000	0	0	0	0	0
Bukwo	94	0	9	0	41	0	525	0	0	0	0	31
Bulambuli	84	0	0	0	0	0	894	0	0	0	0	0
Buliisa	73	0	1	0	3	0	912	0	0	0	0	8
Bundibugyo	70	0	3	0	13	0	1834	0	0	0	0	23
Bushenyi	58	0	6	0	0	0	1089	1	0	0	0	42
Busia	83	0	2	0	12	0	2931	1	0	0	0	14
Butaleja	92	0	3	0	10	0	2406(2)	0	0	0	0	8
Butambala	91	0	3	0	2	0	1511(1)	0	0	0	0	29
Buvuma	55	0	0	0	1	0	130	5	0	0	0	0
Buyende	77	0	0	0	1	0	1471	0	0	0	0	0
Dokolo	100	0	4	0	10	0	3288	0	0	0	0	5
Gomba	84	0	1	0	1	0	1270	0	0	0	0	2
Gulu	67	0	4	0	33	0	10993(3)	0	3	0	0	56
Hoima	67	0	8	0	45	0	5620(4)	2	1	2(1)	0	82
Ibanda	49	0	2	0	0	0	2172	1	0	0	0	1
Iganga	59	0	1	0	0	0	3284(2)	0	0	0	0	6
Isingiro	71	0	2	0	7(1)	0	3373	0	0	0	0	54
Jinja	28	0	5	0	6	0	2404(5)	0	0	0	0	12
Kaabong	70	0	12	0	38	0	2789	1	0	0	0	26
Kabale	89	0	5	0	0	0	342	0	0	0	0	0
Kabarole	75	0	10	0	7	0	3613(3)	4	0	0	0	18
Kaberamaido	40	0	1	0	4	0	1768	0	0	0	0	18
Kalangala	56	0	1	0	14	0	221	4	0	0	0	0
Kaliro	52	0	0	0	1	0	1115	0	0	0	0	14
Kalungu	48	0	0	0	2	0	1619	5	0	0	0	1
Kampala	64	1	37	0	27	3	5606(1)	59	3	0	0	421
Kamuli	55	0	4	0	1	0	3554	1	0	0	0	7
Kamwenge	100	0	1	0	6	0	4108(2)	16	0	0	0	14

District	% of H/U reporting	AFP	Animal bite (Suspected Rabies)	Cholera	Dysentery	Guinea Worm	Malaria	Measles	Meningitis	NNT	Plague	Typhoid Fever
Kanungu	42	0	0	0	6	0	631	1	0	0	0	31
Kapchorwa	90	0	2	0	18	0	1051(1)	0	0	0	0	2
Kasese	58	0	3	10	8	0	4454(5)	2	0	0	0	26
Katakwi	44	0	0	0	3	0	1710	0	0	0	0	0
Kayunga	80	0	7	0	23	0	3032	1	0	0	0	2
Kibaale	62	0	10	0	57	0	2384(2)	1	25	0	0	96 (3)
Kiboga	54	0	0	0	0	0	492	0	0	0	0	1
Kibuku	87	0	1	0	10	0	798	0	0	0	0	0
Kiruhura	61	0	3	0	0	0	2034	2	0	0	0	1
Kiryandongo	65	1	0	0	8	0	2153	0	0	0	0	17
Kisoro	90	0	8	0	2	0	250	1	0	0	0	4
Kitgum	62	0	7	0	17	0	4161(1)	0	0	0	0	10
Koboko	94	0	3	0	1	0	2915	3	0	0	0	0
Kole	83	0	2	0	1	0	3060	0	0	0	0	0
Kotido	37	0	0	0	38	0	1326	0	0	0	0	59
Kumi	71	0	1	0	9	0	2798	0	0	0	0	27
Kween	89	0	1	0	3	0	682	0	0	0	0	3
Kyankwanzi	58	0	1	0	0	0	1184	0	0	0	0	17
Kyegegwa	87	0	0	0	1	0	1726(2)	2	0	0	0	2
Kyenjojo	73	0	6	0	8	0	2513	9	0	0	0	15
Lamwo	85	0	0	0	0	0	6196(2)	0	0	0	0	0
Lira	56	0	1	0	5	0	2645(1)	0	0	0	0	42
Luuka	68	0	0	0	0	0	1451	0	0	0	0	0
Luwero	76	0	4	0	15	0	3545	10	0	0	0	76 (2)
Lwengo	26	0	0	0	2	0	693	1	0	0	0	4
Lyantonde	26	0	0	0	0	0	788	0	0	0	0	17
Manafwa	92	0	1	0	3	0	2718	0	0	0	0	38
Maracha	100	0	4	0	14	0	3252	0	0	1	0	29 (1)
Masaka	84	0	2	0	1	0	2272(4)	2	0	0	0	14
Masindi	76	0	16	0	10	0	2563	1	0	0	0	10
Mayuge	57	0	1	0	4	0	1597	3	0	0	0	0
Mbale	91	0	4	0	2	0	2443	0	0	0	0	15
Mbarara	78	0	5	0	8	0	1518	4	0	0	0	42
Mitooma	58	0	0	0	0	0	1145	0	0	0	0	0
Mityana	51	0	8	0	2	0	2745(2)	7	0	0	0	1
Moroto	79	0	3	0	8	0	1079	2	0	0	0	11
Moyo	98	0	5	0	18	0	4239	0	0	0	0	40
Mpigi	87	0	1	0	2	0	2033(1)	1	0	0	0	31
Mubende	25	0	6	0	5	0	1786(1)	7	0	0	0	17
Mukono	69	0	1	0	13	0	2616	6	0	0	0	7
Nakapiripirit	94	0	3	0	15	0	1899	0	0	0	0	21
Nakaseke	68	0	7	0	3	0	1705	7	0	0	0	65
Nakasongola	29	0	3	0	4	0	1121	2	0	0	0	5
Namayingo	25	0	0	0	7	0	1111	0	0	1	0	2
Namutumba	53	0	0	0	0	0	1266	0	0	0	0	0
Napak	79	0	4	0	18	0	1300	0	0	0	0	1
Nebbi	86	0	13	0	58	0	5260(2)	0	0	0	0	19

District	% of H/U reporting	AFP	Animal bite (Suspected Rabies)	Cholera	Dysentery	Guinea Worm	Malaria	Measles	Meningitis	NNT	Plague	Typhoid Fever
Ngora	58	0	1	0	1	0	1250	0	0	0	0	0
Ntoroko	67	0	0	0	1	0	186	1	0	0	0	2
Ntungamo	46	0	4	0	3	0	736	0	0	0	0	3
Nwoya	79	0	1	0	0	0	1732(2)	0	0	0	0	0
Otuke	77	0	1	0	0	0	1268	0	0	0	0	5
Oyam	71	0	5	0	5	0	3412(1)	0	0	0	0	6
Pader	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Pallisa	79	0	4	0	8	0	2588	0	0	0	0	9
Rakai	27	0	0	0	3	0	2800	4	0	0	0	15
Rubirizi	82	0	0	0	1	0	1156	0	0	0	0	13
Rukungiri	54	0	12	0	1	0	1099	3	0	0	0	3
Sembabule	50	0	2	0	6	0	1937	0	0	0	0	87
Serere	59	0	3	0	5	0	1622	0	0	0	0	0
Sheema	74	0	8	0	0	0	1394	0	0	0	0	0
Sironko	100	0	0	0	3	0	2729	0	0	0	0	0
Soroti	76	0	6	0	19	0	4246	0	0	0	0	33
Tororo	54	1	7	0	3	0	3919	0	0	0	0	18
Wakiso	45	0	3	0	10	0	3969	7	0	0	0	51
Yumbe	96	0	1	0	13	0	3143	0	0	0	0	9
Zombo	90	0	4	0	12	0	1235	0	0	0	0	2
National	68	3(0)	372(0)	10 (0)	984 (0)	3(0)	252738(67)	199 (0)	35 (2)	4(1)	0(0)	2245(6)

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

Compiled by the Epidemiological Surveillance Division, Ministry of Health