



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 17

Week Ending 1st May 2011

Provincial & national surveillance indicators for week 17

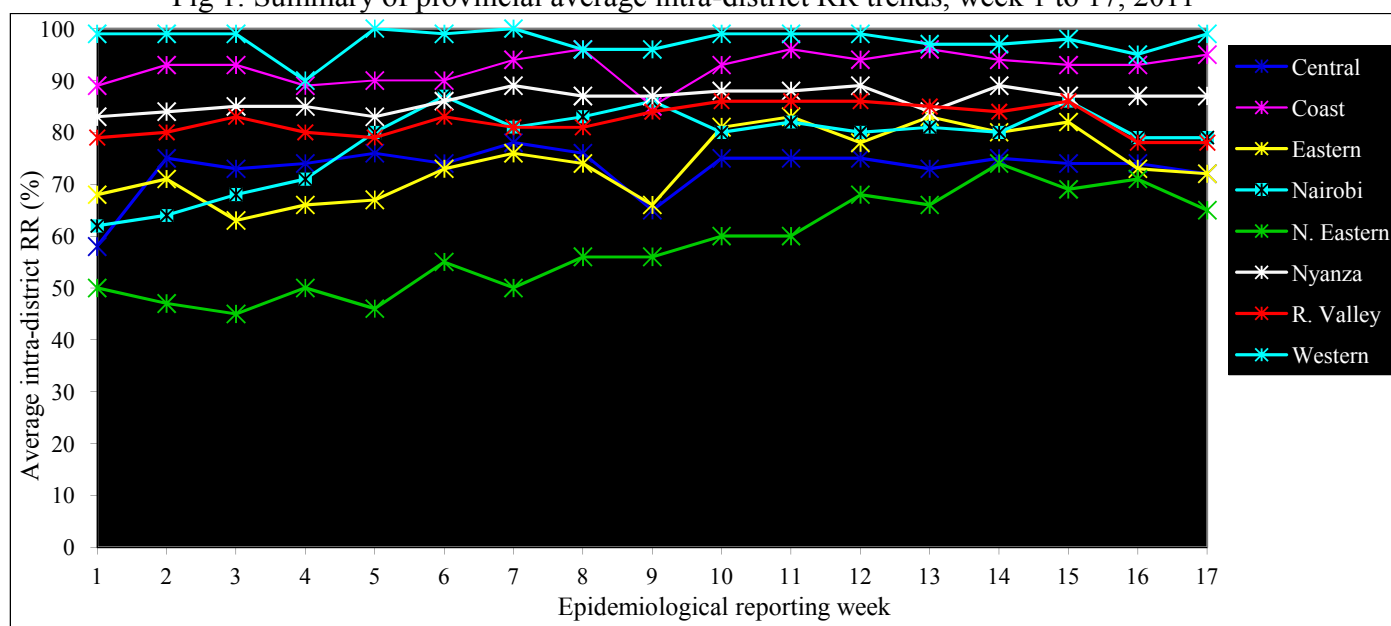
Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	11	11	72	100	100	91
Coast	13	13	13	95	100	100	98
Eastern	28	26	26	72	93	100	87
Nairobi	3	3	3	79	100	100	93
N. Eastern	11	11	11	65	100	100	88
Nyanza	21	21	21	87	100	100	96
R. Valley	43	42	42	78	98	100	91
Western	19	19	19	99	100	100	100
National	149	146	146	80	98	100	92

✚ Nine new cases of measles confirmed in week 17 from Turkana N (3), Thika (2), Mombasa (1), Turkana C (1), Garissa (1) and Nairobi E (1) districts

✚ Total confirmed measles cases in the country now 115 by week 17

✚ Measles vaccination campaign conducted in 23 districts 2nd-13th May 2011

Fig 1: Summary of provincial average intra-district RR trends, week 1 to 17, 2011



Reports not received from the following 3 districts

Marsabit, Mwingi and Baringo

Fig. 2: Confirmed measles cases, week 1 to 17, 2011

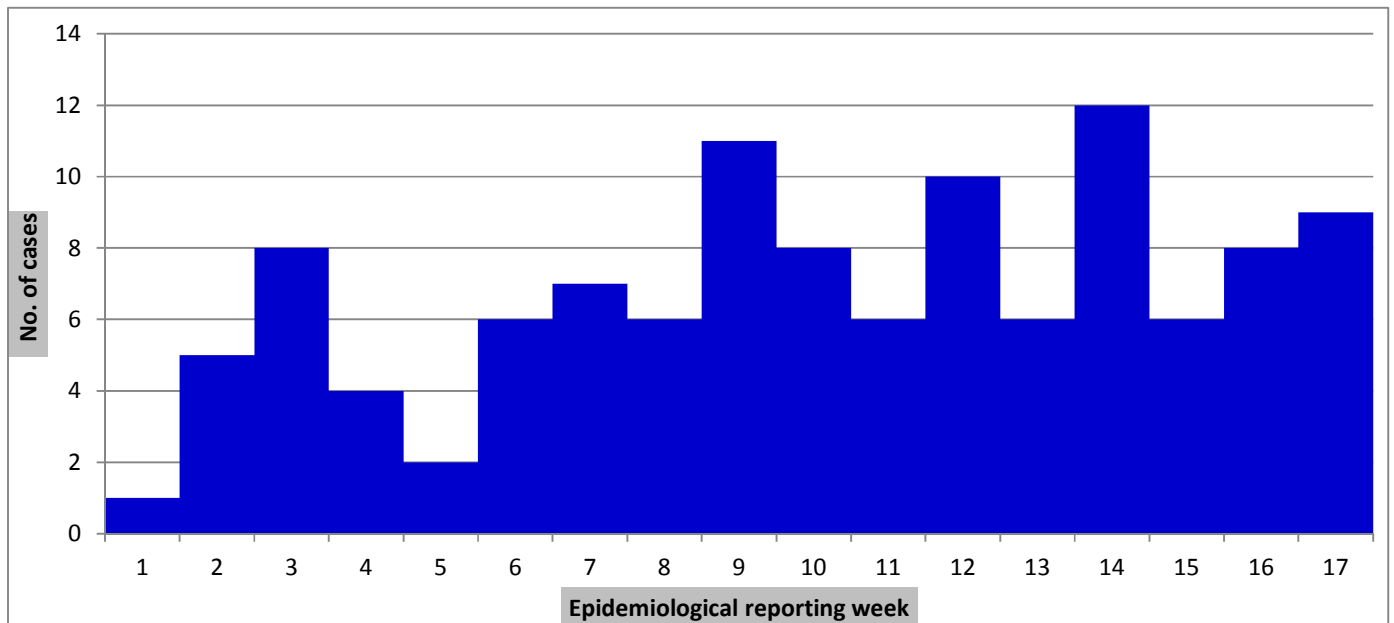


Fig. 3: Confirmed measles cases by reporting district, week 1 to 17, 2011

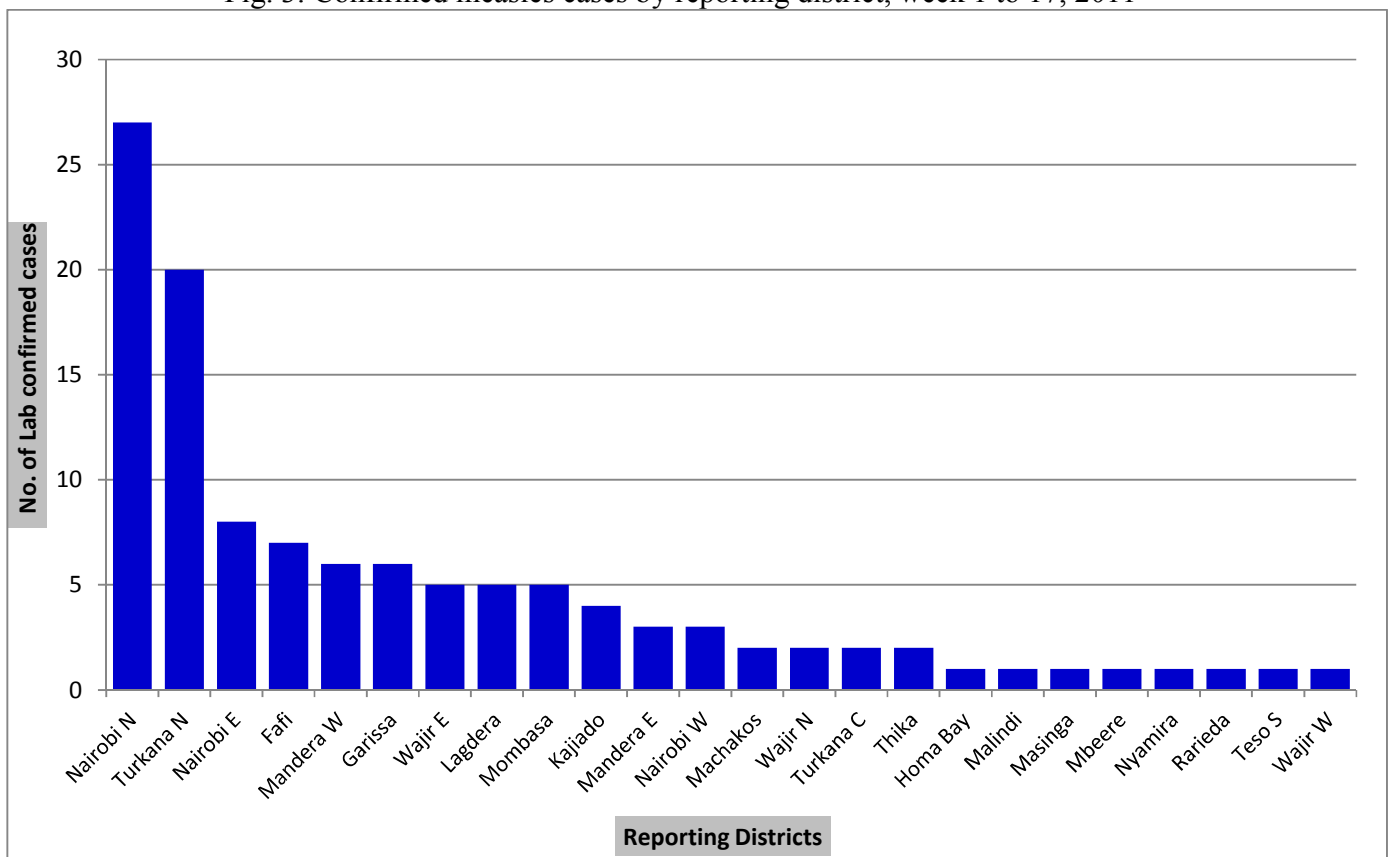
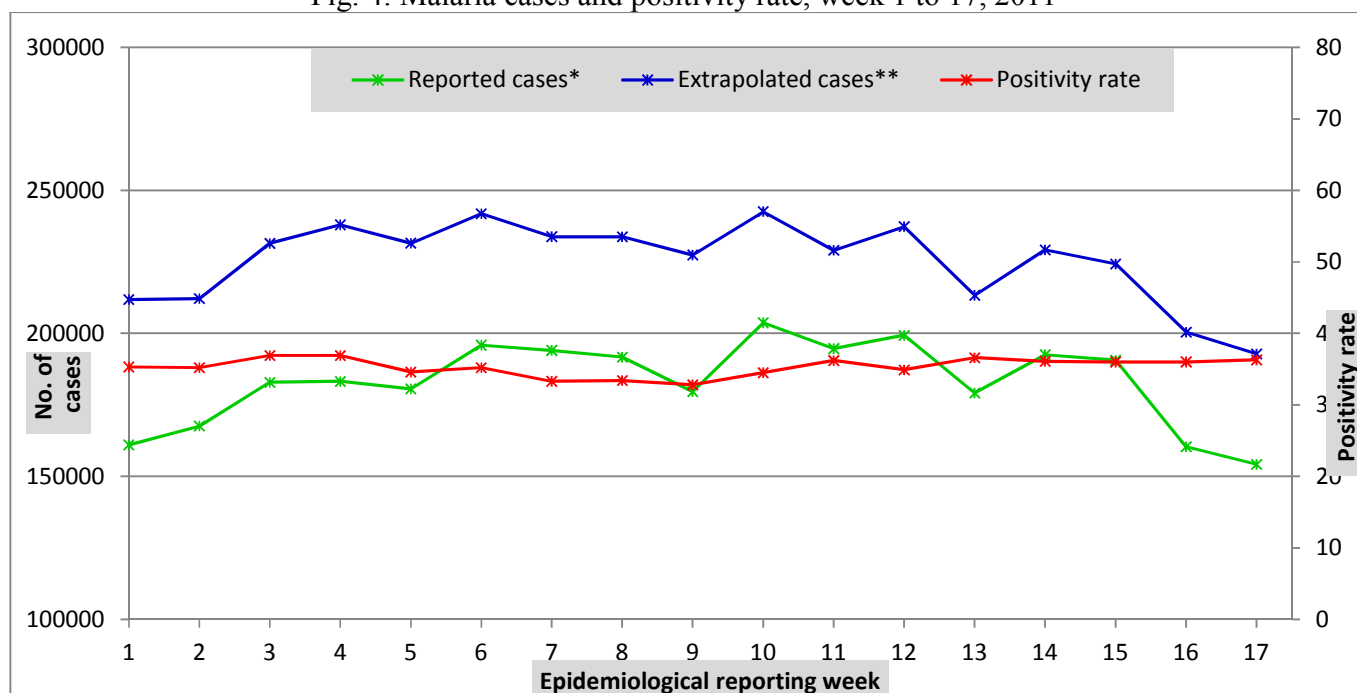


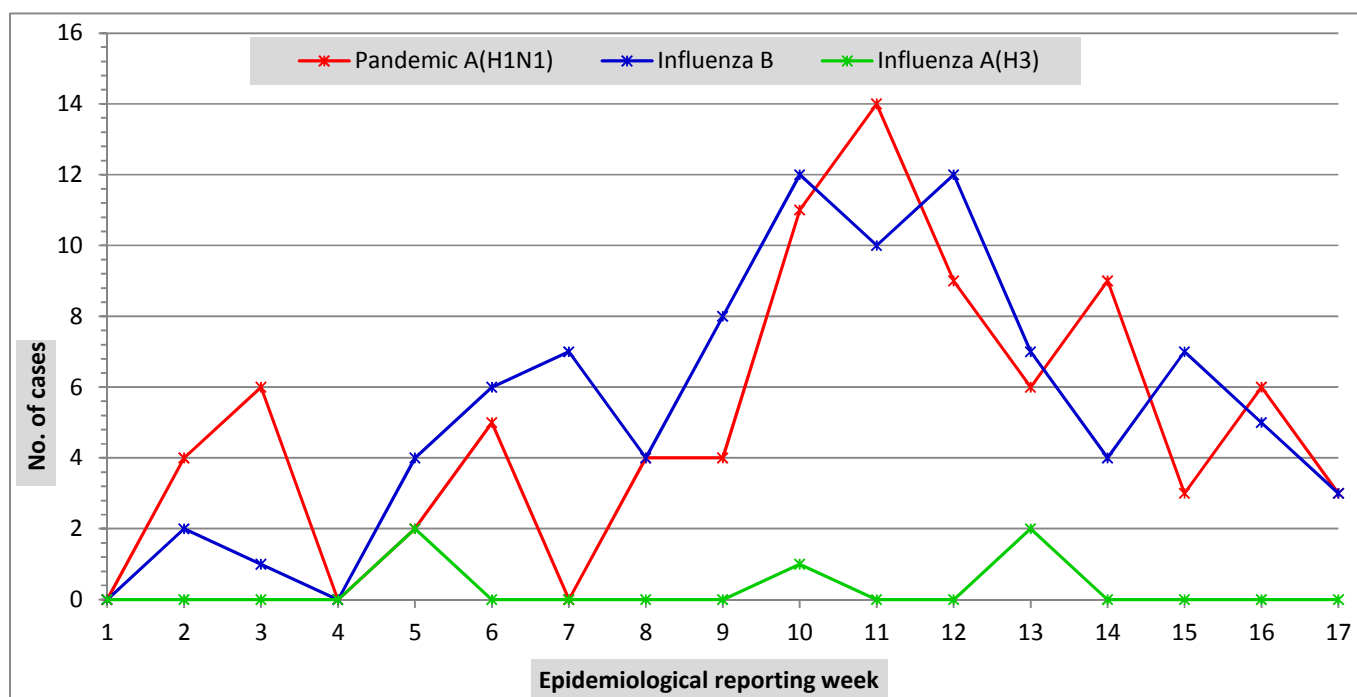
Fig. 4: Malaria cases and positivity rate, week 1 to 17, 2011



* Cases reported by health facilities that submitted weekly reports during the reporting week

** Extrapolated from reported cases considering the intra-district reporting rate for the week

Fig. 5: Confirmed cases* of selected influenza virus types, week 1 to 17, 2011



* Ministry of Public Health and Sanitation and the Walter Reed Program influenza surveillance system

Highlights for the week

<ul style="list-style-type: none"> ⊕ Nationally: <ul style="list-style-type: none"> ○ The surveillance weighted aggregate score remained at 92% in week 17 ○ The number of districts that reported were 146 (98%), same as in week 16 ○ The intra-district average reporting rate also stagnated at 80% ⊕ Best performing provinces in week 17 of 2011: <ul style="list-style-type: none"> ○ District reporting rate: All districts in the country except two (Kibwezi and Moyale) from Eastern and one (Nakuru) from Rift Valley reported ○ Intra-district facility reporting rate: Western (99%) and Coast (95%) provinces had the highest and still improved reporting rate while only 65% of health facilities in North Eastern province and 72% of those in Central and Eastern provinces reported ⊕ Most improved provinces in week 17 of 2011: <ul style="list-style-type: none"> ○ Intra-district facility RR: While only Western (95% to 99%) and Coast (93% to 95%) improved, North Eastern (71% to 65%), Central (74% to 72%) and Eastern (73% to 72%) dropped the most in performance in the week ○ District reporting rate: All provinces maintained their performance of week 16 during this week ⊕ Thirty three (22%) districts [a decline from thirty seven (25%) districts in week 16] attained 100% intra-district reporting rate 	<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;"> Disease specific reports </div> <div style="background-color: #e6e6fa; padding: 2px;"> <i>Cholera</i> </div> <ul style="list-style-type: none"> ⊕ Zero cases were reported in the week <div style="background-color: #e6e6fa; padding: 2px;"> <i>Measles</i> </div> <ul style="list-style-type: none"> ⊕ 37 suspected cases (a decline from 87 in week 16) were reported from 12 districts, with no death ⊕ The cases were reported from the following districts: Turkana North (15), Teso (5), Maara (3), Kitui (3), Meru South (2), Kakamega Central (2), Kajiado (2), Turkana Central (1), Tigania (1), Koibatek (1), Mombasa (1) and Nyandarua North (1) ⊕ The laboratory surveillance system investigated 29 case specimen from 18 districts <ul style="list-style-type: none"> ○ Nine (31%) specimen tested positive for measles IgM. The specimen were submitted from Turkana North (3), Thika (2), Mombasa (1), Turkana Central (1), Garissa (1) and Nairobi East (1) districts ○ Four (14%) specimen tested positive for rubella <div style="background-color: #e6e6fa; padding: 2px;"> <i>Dysentery</i> </div> <ul style="list-style-type: none"> ⊕ Reported cases rose from 1,065 in week 16 to 1,181 with no death <div style="background-color: #e6e6fa; padding: 2px;"> <i>Typhoid fever</i> </div> <ul style="list-style-type: none"> ⊕ Reported cases declined from 5,042 in week 16 to 4,912 with no death <div style="background-color: #e6e6fa; padding: 2px;"> <i>AFP</i> </div> <ul style="list-style-type: none"> ⊕ Zero cases were reported in the week <div style="background-color: #e6e6fa; padding: 2px;"> <i>Meningococcal Meningitis</i> </div> <ul style="list-style-type: none"> ⊕ One case was reported in the week with no death ⊕ The case was reported from Embu (1) district <div style="background-color: #e6e6fa; padding: 2px;"> <i>NNT</i> </div> <ul style="list-style-type: none"> ⊕ Zero cases were reported in the week <div style="background-color: #e6e6fa; padding: 2px;"> <i>Influenza (Walter Reed Influenza Surveillance)</i> </div> <ul style="list-style-type: none"> ⊕ Seventy five specimen were processed by the national influenza center <ul style="list-style-type: none"> ○ Three (4%) tested positive for pandemic influenza A (H1N1) virus ○ Three (4%) tested positive for influenza B virus ○ None tested positive for influenza A (H1), influenza A (H3) and influenza A (H5)
<div style="background-color: #e6e6fa; padding: 2px;"> <i>Malaria</i> </div> <ul style="list-style-type: none"> ⊕ Reported cases dropped further from 160,330 in week 16 to 154,248 in week 17 ⊕ Mortality however rose 16 cases in week 16 to 23 cases in week 17 <ul style="list-style-type: none"> ○ The deaths were reported from: East Bungoma (8), Nakuru (4), South Bungoma (4), Molo (2), Tana River (1), Kibwezi (1), Makueni (1), Nandi East (1) and Turkana South (1) districts ⊕ Overall, 74,663 (48%) cases were laboratory tested, yielding a positivity rate of 36.3% 	

For comments please contact:

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 17

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
Central																
	Gatundu	42	90	0(0)	0(0)	277(0)	277	8	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	92	0(0)	0(0)	703(0)	1288	170	0(0)	0(0)	165(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	70	0(0)	0(0)	407(0)	445	53	0(0)	0(0)	84(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	89	56	0(0)	0(0)	1281(0)	1404	66	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a North	49	65	0(0)	0(0)	370(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a South	40	25	0(0)	0(0)	66(0)	142	0	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	67	0(0)	0(0)	235(0)	460	44	1(0)	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	31	84	0(0)	0(0)	93(0)	81	10	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	93	0(0)	0(0)	3(0)	254	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	54	56	0(0)	0(0)	159(0)	159	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	84	0(0)	0(0)	1272(0)	900	27	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																
	Kaloleni	18	89	0(0)	80(0)	664(0)	256	55	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	39	92	0(0)	31(0)	751(0)	296	127	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	42	98	0(0)	9(0)	1370(0)	1413	631	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	21	100	0(0)	49(0)	1507(0)	428	99	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	86	0(0)	5(0)	778(0)	613	67	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	97	0(0)	0(0)	453(0)	158	14	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	98	0(0)	82(0)	987(0)	707	142	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	100	0(0)	1(0)	929(0)	1552	363	1(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	100	0(0)	8(0)	651(0)	127	25	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	48	100	0(0)	0(0)	732(0)	1139	187	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	94	0(0)	5(0)	558(0)	37	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	67	0(0)	15(0)	482(1)	179	97	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	0(0)	0(0)	440(0)	424	72	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	11	73	0(0)	0(0)	90(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu	56	77	0(0)	5(0)	2210(0)	1885	750	0(0)	1(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	Garbatula	14	64	0(0)	0(0)	274(0)	16	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe	52	52	0(0)	0(0)	1901(0)	553	371	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	93	0(0)	0(0)	1969(0)	2789	1176	0(0)	0(0)	123(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	65	65	0(0)	0(0)	2068(0)	2122	1271	0(0)	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	25	68	0(0)	0(0)	656(0)	625	86	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	46	0(0)	0(0)	437(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	29	90	0(0)	0(0)	1074(1)	455	156	0(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	80	95	0(0)	22(0)	3240(0)	1327	699	3(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	27	70	0(0)	0(0)	474(0)	117	34	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	83	0(0)	33(0)	119(0)	27	19	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	29	100	0(0)	0(0)	1399(0)	867	463	3(0)	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	49	43	0(0)	0(0)	246(0)	290	202	0(0)	0(0)	86(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	43	88	0(0)	0(0)	1542(1)	566	91	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	12	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mbeere	32	75	0(0)	4(0)	997(0)	611	254	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	92	0(0)	13(0)	1007(0)	368	49	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	68	0(0)	0(0)	346(0)	539	301	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	25	100	0(0)	38(0)	1368(0)	1133	586	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	21	95	0(0)	33(0)	707(0)	204	6	0(0)	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	20	80	0(0)	0(0)	423(0)	97	16	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	88	0(0)	1(0)	907(0)	474	110	0(0)	0(0)	86(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nzau	35	74	0(0)	0(0)	656(0)	153	64	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	20	75	0(0)	0(0)	684(0)	376	178	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	61	0(0)	0(0)	1188(0)	241	98	1(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	47	87	0(0)	7(0)	1452(0)	556	244	0(0)	0(0)	103(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																
	Nairobi East	57	86	0(0)	17(0)	714(0)	1623	350	0(0)	0(0)	143(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi North	81	72	0(0)	0(0)	1044(0)	523	192	0(0)	0(0)	235(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi West	71	80	0(0)	95(0)	756(0)	595	106	0(0)	0(0)	131(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
North Eastern																
	Fafi	11	73	0(0)	0(0)	46(0)	63	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	23	48	0(0)	8(0)	251(0)	676	151	0(0)	0(0)	61(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	10	50	0(0)	0(0)	209(0)	146	18	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	69	0(0)	4(0)	254(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	14	79	0(0)	0(0)	169(0)	62	9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	75	0(0)	0(0)	93(0)	27	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	88	0(0)	0(0)	200(0)	79	35	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	50	0(0)	0(0)	154(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	87	0(0)	0(0)	258(0)	117	43	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	6	83	0(0)	0(0)	70(0)	41	29	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	15	40	0(0)	0(0)	100(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																
	Bondo	26	100	0(0)	41(0)	1483(0)	805	274	0(0)	0(0)	72(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	89	0(0)	2(0)	1283(0)	261	34	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	1511(0)	577	240	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	93	0(0)	0(0)	2676(0)	2134	602	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	44	80	0(0)	5(0)	2013(0)	996	58	0(0)	0(0)	58(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	0(0)	36(0)	625(0)	305	105	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	93	0(0)	2(0)	4375(0)	1337	624	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	95	0(0)	7(0)	1431(0)	838	309	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	63	0(0)	0(0)	571(0)	97	82	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	88	0(0)	1(0)	1200(0)	175	102	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	17	94	0(0)	0(0)	148(0)	143	29	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	94	0(0)	0(0)	657(0)	287	24	0(0)	0(0)	104(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	100	0(0)	2(0)	1997(0)	680	346	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	94	0(0)	0(0)	1054(0)	379	22	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	36	0(0)	0(0)	1407(0)	433	252	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	68	0(0)	2(0)	1980(0)	867	250	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	22	95	0(0)	5(0)	1350(0)	760	320	0(0)	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	Rongo	40	100	0(0)	3(0)	2409(0)	651	291	0(0)	0(0)	114(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	72	93	0(0)	58(0)	5779(0)	2600	1420	0(0)	0(0)	175(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	89	0(0)	0(0)	794(0)	240	19	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	42	90	0(0)	41(0)	1155(0)	313	93	0(0)	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																
	Baringo	50	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Baringo North	37	73	0(0)	0(0)	531(0)	37	16	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	42	98	0(0)	2(0)	1266(0)	408	40	0(0)	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bureti	32	81	0(0)	0(0)	1073(0)	267	62	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	17	35	0(0)	30(0)	182(0)	0	0	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	37	100	0(0)	0(0)	1135()	564	98	0(0)	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	93	0(0)	10(0)	1319(0)	511	150	0(0)	0(0)	58(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	63	62	0(0)	3(0)	1104(0)	356	76	2(0)	0(0)	128(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	45	87	0(0)	0(0)	1102(0)	189	57	0(0)	0(0)	71(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	30	80	0(0)	0(0)	716(0)	332	76	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	66	0(0)	0(0)	550(0)	0	0	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	34	88	0(0)	0(0)	592(0)	301	82	1(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	94	0(0)	0(0)	942(0)	445	193	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	86	0(0)	0(0)	105(0)	0	0	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	100	0(0)	1(0)	104(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	27	96	0(0)	0(0)	680(0)	0	0	0(0)	0(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	23	65	0(0)	17(0)	390(0)	0	0	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	61	52	0(0)	9(0)	574(0)	133	80	0(0)	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	91	0(0)	0(0)	323(2)	0	0	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	35	83	0(0)	0(0)	1546(0)	0	0	0(0)	0(0)	138(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru	45	93	0(0)	0(0)	415(4)	689	26	0(0)	0(0)	116(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	34	88	0(0)	0(0)	906(0)	194	69	0(0)	0(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	85	0(0)	0(0)	531(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi East	32	81	0(0)	14(0)	544(1)	237	46	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	75	0(0)	0(0)	956(0)	377	127	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	18	94	0(0)	0(0)	1312(0)	114	55	0(0)	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	Narok North	32	100	0(0)	2(0)	607(0)	242	63	0(0)	0(0)	57(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	77	0(0)	4(0)	DNR	150	19	0(0)	0(0)	38(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	14	71	0(0)	5(0)	441(0)	314	48	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	95	0(0)	0(0)	414(0)	181	43	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	24	75	0(0)	3(0)	379(0)	0	0	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	62	0(0)	0(0)	155(0)	0	0	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	10	50	0(0)	0(0)	222(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	30	97	0(0)	0(0)	1054(0)	130	40	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	100	0(0)	8(0)	220(0)	87	37	0(0)	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	91	0(0)	0(0)	703(0)	622	244	0(0)	0(0)	93(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	100	0(0)	12(0)	1674(0)	645	171	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	48	60	0(0)	7(0)	1016(0)	232	4	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	70	0(0)	34(0)	1379(0)	428	268	1(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	50	0(0)	11(0)	326(0)	614	77	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	22	86	0(0)	36(0)	590(1)	113	57	0(0)	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	97	0(0)	0(0)	756(0)	526	160	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	88	0(0)	0(0)	1162(0)	368	85	0(0)	0(0)	80(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	100	0(0)	0(0)	248(0)	108	41	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	31	100	0(0)	54(0)	4918(0)	1850	1155	0(0)	0(0)	202(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	0(0)	6(0)	3498(0)	749	374	0(0)	0(0)	83(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	100	0(0)	0(0)	1446(8)	979	724	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	0(0)	1577(0)	306	178	0(0)	0(0)	55(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	100	0(0)	0(0)	1305(0)	745	433	0(0)	0(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	28	96	0(0)	0(0)	3992(0)	1770	775	2(0)	0(0)	140(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	14	100	0(0)	0(0)	1583(0)	1077	389	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North (Malava)	19	100	0(0)	0(0)	1843(0)	743	506	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	11	100	0(0)	0(0)	1361(0)	583	264	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	96	0(0)	1(0)	1998(0)	836	187	0(0)	0(0)	150(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt Elgon	16	100	0(0)	30(0)	1168(0)	1010	450	0(0)	0(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	0(0)	6(0)	2050(0)	858	470	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	North Bungoma	21	100	0(0)	0(0)	1563(0)	898	503	0(0)	0(0)	74(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	10	100	0(0)	0(0)	953(0)	82	49	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	28(0)	3982(4)	1494	695	0(0)	0(0)	99(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	20	95	0(0)	31(0)	3622(0)	926	402	5(0)	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	20	100	0(0)	0(0)	2877(0)	1131	468	0(0)	0(0)	92(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	100	0(0)	47(0)	1450(0)	752	547	0(0)	0(0)	80(0)	0(0)	0(0)	0(0)	0(0)	0(0)

	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
Week 17 summary	0 (0)	1,181 (0)	154,248 (23)	74,663	27,103	37 (0)	1 (0)	4,912 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	20,797 (1)	3,111,336 (457)	1,426,968	503,550	1,053 (3)	27 (1)	96,566 (3)	2 (0)	13 (0)	0 (0)	0 (0)	0 (0)

Key:

DNR: District did not report for this disease

AFP: Acute Flaccid Paralysis

NNT: Neonatal Tetanus

HF: Health Facilities

Timely reports: Reports received before Wednesday

Intra-district: Proportion of health facilities reporting in a district

Timeliness: Proportion of districts in a province/country reporting on time

Weighted Aggregate Score: Composite Surveillance Score (3 for Timeliness, 2 for Completeness and 1 for Complete reports)

MM: Meningococcal Meningitis

VHF: Viral Hemorrhagic Fever

NEP: North Eastern Province

% RR: Health Facility reporting rate for this week

Editorial: Dr. D. Mutonga, Dr. C. Nzioka, Dr. M. Ope, Dr. D. Langat, Dr. P. Muthoka, Dr. O. Shikanga, C. Njuguna, J. Njau, J. Njoroge, H. Limo, Z. Irura, M. Badel, C. Maina, E. Kathini, R. Kalani, D. Mwangi, A. Muange, J. Ayaga, P. Njiru and F. Akinyi