



**Republic of Kenya**  
**Ministry of Public Health and Sanitation**

**WEEKLY EPIDEMIOLOGICAL BULLETIN**

**Week 24**

**Week Ending 19<sup>th</sup> June 2011**

Provincial & national surveillance indicators for week 24

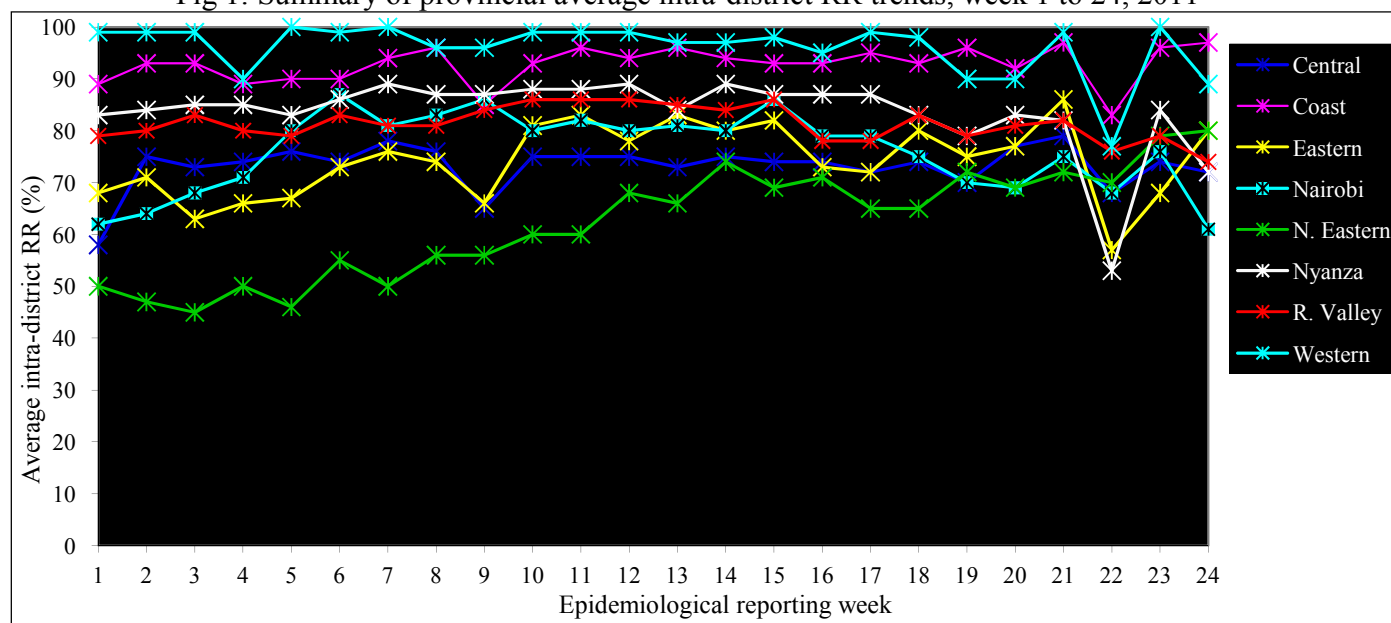
Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	14	14	14	72	100	100	91
Coast	13	13	13	97	100	100	99
Eastern	34	32	32	80	94	100	90
Nairobi	9	9	9	61	100	100	87
N. Eastern	11	11	11	80	100	100	93
Nyanza	31	26	26	72	84	100	83
R. Valley	51	41	41	74	80	100	82
Western	24	21	21	89	88	100	90
<b>National</b>	<b>187</b>	<b>167</b>	<b>167</b>	<b>77</b>	<b>89</b>	<b>100</b>	<b>87</b>

⊕ The IDSR reporting performance marginally declined in week 24 as compared to week 23

⊕ 7 new measles cases confirmed in week 24 in 3 districts

⊕ Total confirmed measles cases in the country now 183 by week 24

Fig 1: Summary of provincial average intra-district RR trends, week 1 to 24, 2011



**Reports not received from the following 20 districts**

Makueni, Tigania, Borabu, Kisii Central, Kuria East, Ndhiwa, Suba, Baringo, Kericho East, Laikipia East, Laikipia North, Nandi East, Narok South, Samburu Central, Trans Mara, Turkana North, Kericho West, Hamisi, Mumias, Matungu

## Division of Disease Surveillance & Response

Fig. 2: Confirmed measles cases (n=183), week 1 to 24, 2011

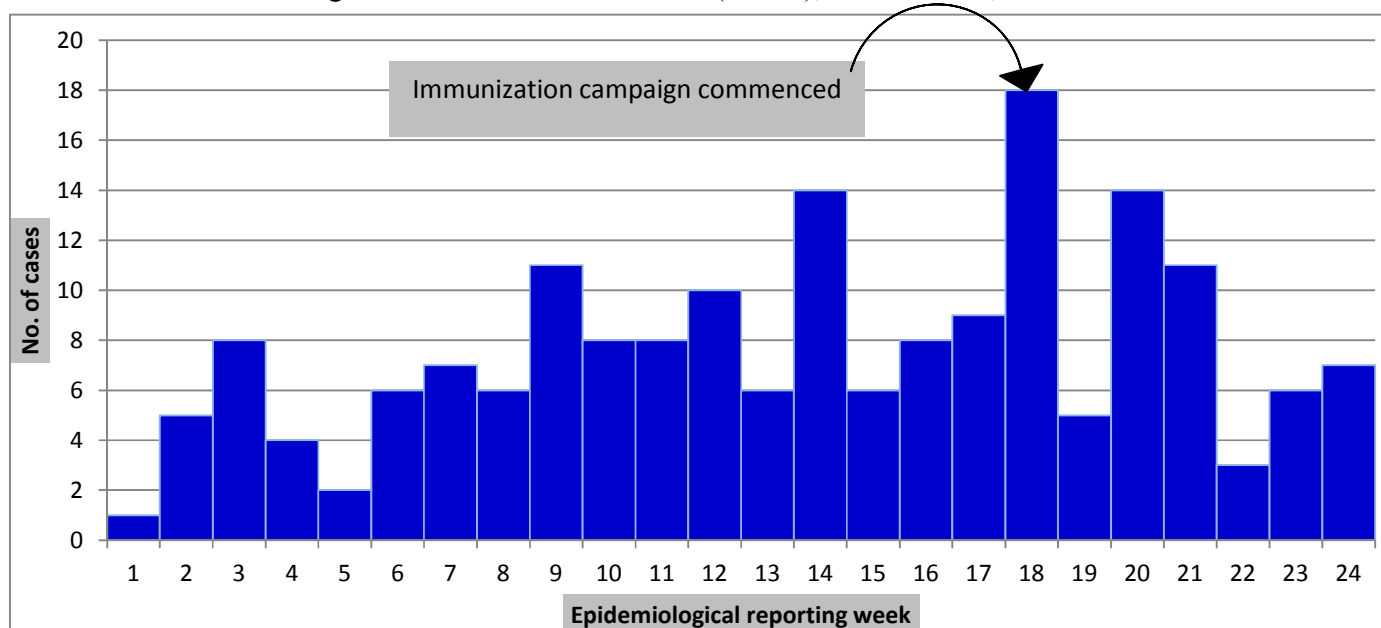
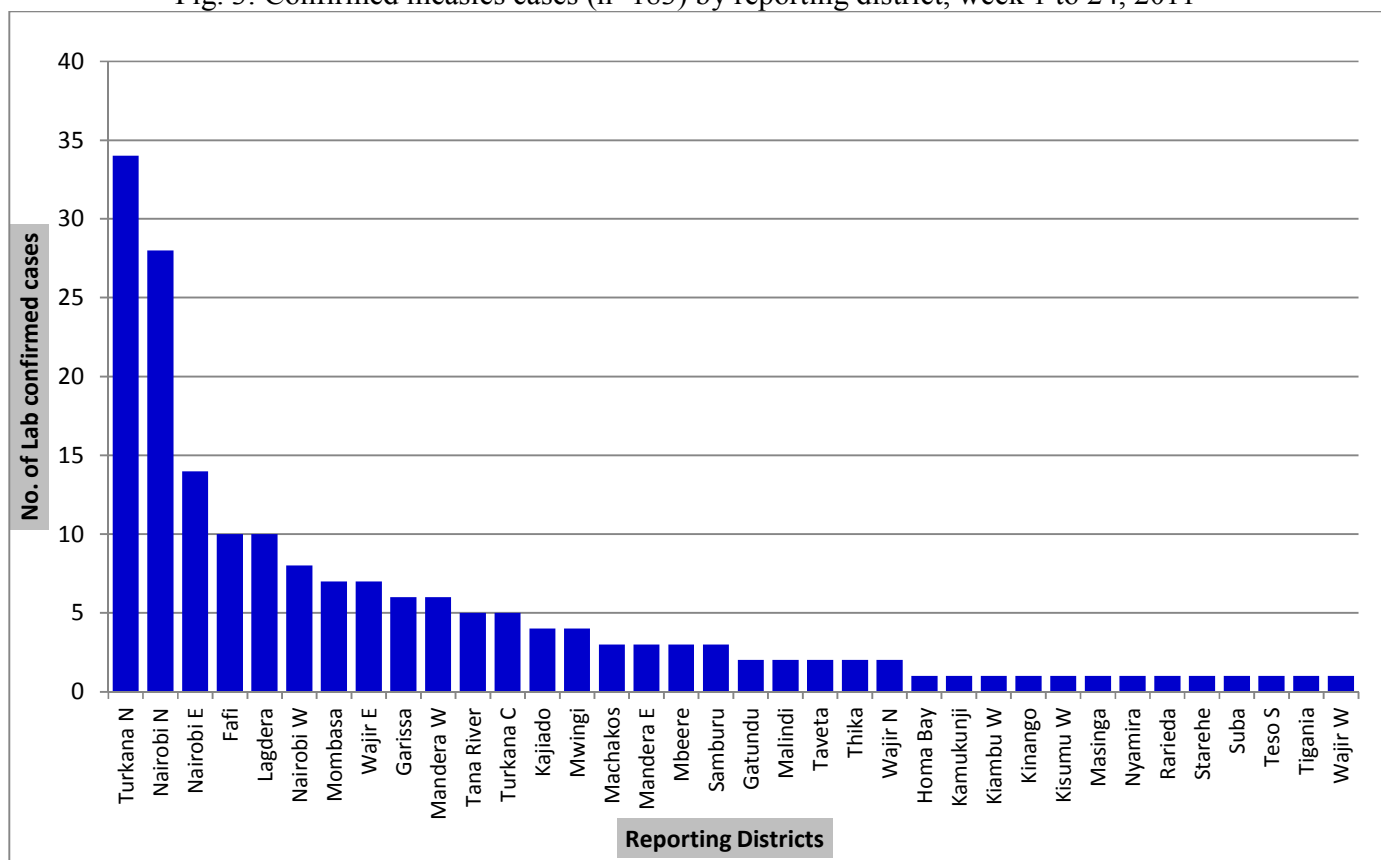
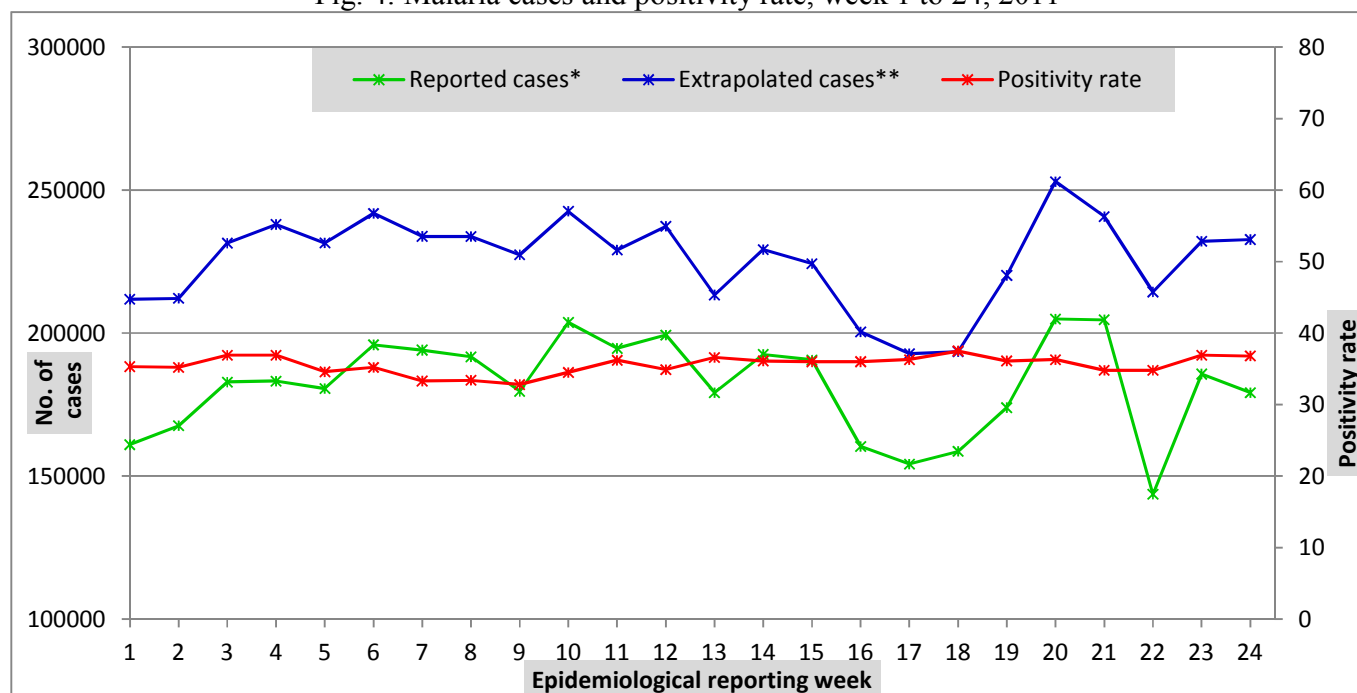


Fig. 3: Confirmed measles cases (n=183) by reporting district, week 1 to 24, 2011



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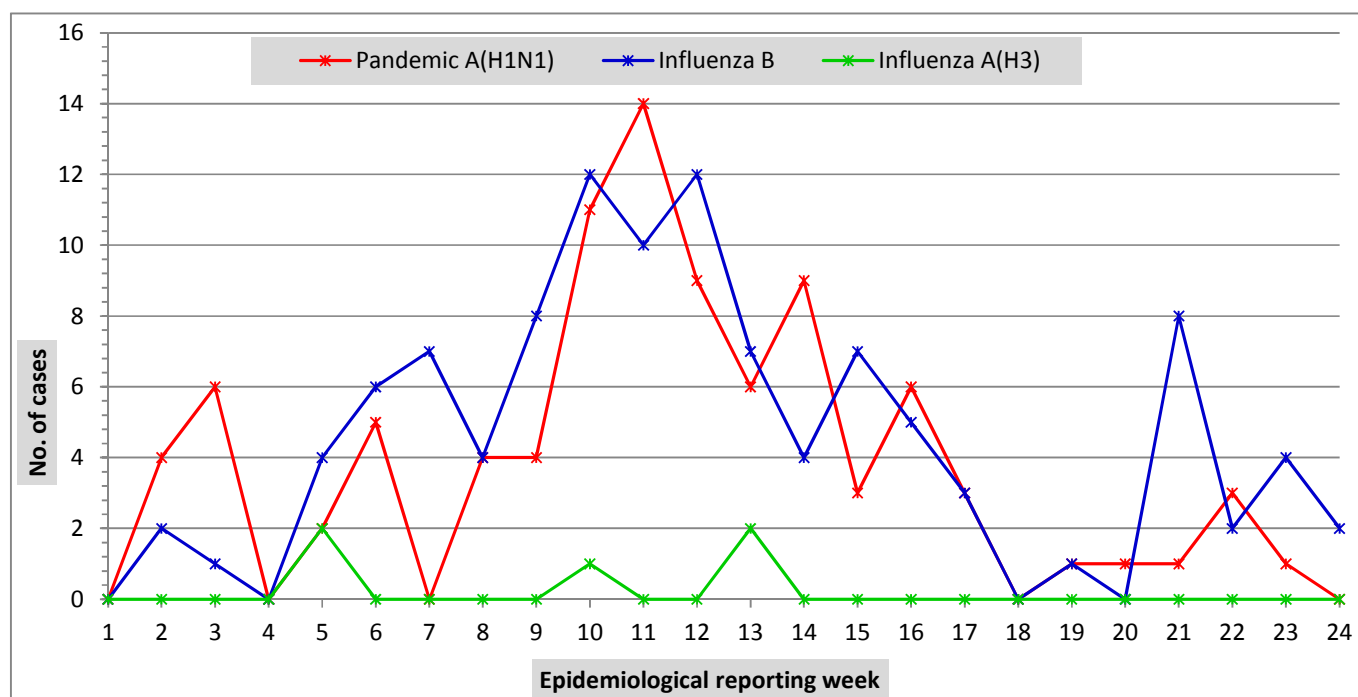
Fig. 4: Malaria cases and positivity rate, week 1 to 24, 2011



\* 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 24, 2011



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

## Division of Disease Surveillance & Response

### Highlights for the week

<p>⊕ Nationally:</p> <ul style="list-style-type: none"> <li>○ The surveillance weighted aggregate score declined from 89% in week 23 to 87% in week 24</li> <li>○ The proportion of districts that reported declined from 91% in week 23 to 89%</li> <li>○ The intra-district average reporting rate also declined from 80% to 77%</li> </ul> <p>⊕ Best performing provinces in week 24 of 2011:</p> <ul style="list-style-type: none"> <li>○ District reporting rate: Central, Coast, Nairobi and North Eastern provinces had 100% district reporting while only 80% of districts in Rift Valley province reported</li> <li>○ Intra-district facility reporting rate: 97% of health facilities in Coast province reported while only 61% of health facilities in Nairobi province reported</li> </ul> <p>⊕ Most improved provinces in week 24 of 2011:</p> <ul style="list-style-type: none"> <li>○ Intra-district facility RR: Only Eastern (68% to 80%), Coast (96% to 97%) and North Eastern (79% to 80%) provinces improved while Nairobi province (76% to 61%) declined the most in performance</li> <li>○ District reporting rate: Only Eastern (82% to 94%) and Nairobi (89% to 100%) improved while Nyanza (97% to 84%) province declined the most in performance in the week</li> </ul> <p>⊕ Fifty (27%) districts [a rise from forty five (24%) districts in week 23] attained 100% intra-district reporting rate</p>	<p><b>Measles</b></p> <p>⊕ 44 suspected cases (a rise from 22 in week 23) were reported from 18 districts, with no reported deaths</p> <ul style="list-style-type: none"> <li>○ The cases were reported from: Kirinyaga (7), Nyandarua South (6), Kitui (5), Loitokitok (3), Wajir East (3), West Pokot (2), Kinango (2), Taita (2), Nyandarua North (2), Starehe (2), Embu West (2), Kiambu East (2), Samburu North (1), Malindi (1), Kwale (1), Eldoret West (1), Taveta (1) and Nakuru Central (1) districts</li> </ul> <p>⊕ The laboratory surveillance system investigated 41 case specimen from 19 districts</p> <ul style="list-style-type: none"> <li>○ Seven (17%) specimen tested positive for measles IgM.</li> <li>○ The specimen were submitted from: Turkana North (4), Lagdera (2) and Nairobi East (1) districts</li> </ul> <p>⊕ Nine (22%) specimen tested positive for rubella</p> <p><b>Dysentery</b></p> <p>⊕ Reported cases rose marginally from 1,016 in week 23 to 1,038 with no death</p> <p><b>Typhoid fever</b></p> <p>⊕ Reported cases rose from 5,351 in week 23 to 5,980 with no death</p> <p><b>AFP</b></p> <p>⊕ Two cases were reported in the week from Nyando (1) and Naivasha (1) districts with no death. All the investigated cases tested negative for polio virus</p> <p><b>Meningococcal Meningitis</b></p> <p>⊕ Five cases were reported in the week with no death</p> <p>⊕ The case were reported from Igembe South (2), Embu West (2) and Siaya (1) districts</p> <p><b>NNT</b></p> <p>⊕ One case was reported in the week with no death</p> <p>⊕ The case was reported from Siaya district</p> <p><b>Influenza (Walter Reed Influenza Surveillance)</b></p> <p>⊕ Forty eight specimen submitted to the national influenza center by the Walter Reed Influenza Surveillance system were processed</p> <ul style="list-style-type: none"> <li>○ Two (4%) specimen tested positive for influenza B virus</li> <li>○ None tested positive for influenza A (H1), influenza A (H3), influenza A (H5) and pandemic influenza A (H1N1) virus</li> </ul>
<div style="border: 1px solid black; padding: 5px; text-align: center; background-color: #d3d3d3;"> <b>Disease specific reports</b> </div>	
<p><b>Malaria</b></p> <p>⊕ Reported cases declined from 185,664 in week 23 to 179,185 in week 24</p> <p>⊕ Mortality however rose from 9 cases to 28 cases</p> <ul style="list-style-type: none"> <li>○ The deaths were reported from: Molo (5), Bungoma South (4), Bungoma East (4), Tana River (3), Kitui (3), Teso North (3), Kibwezi (1), Turkana South (1), Nakuru Central (1), Butere (1), Bomet (1) and Buret (1) districts</li> </ul> <p>⊕ Overall, 90,994 (51%) cases were laboratory tested, yielding a positivity rate of 36.8%</p> <p><b>Cholera</b></p> <p>⊕ Zero cases were reported in the week</p>	

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## Division of Disease Surveillance & Response

### Summary of Weekly Integrated Disease Surveillance and Response Report for week 24

Province	District	Reports Expected	Reports Received	% RR	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
Central																		
	Gatundu	40	24	60	543(0)	340	8	0(0)	111(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	32	88	1028(0)	1591	163	0(0)	261(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	40	74	341(0)	373	65	0(0)	89(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	89	50	56	948(0)	1266	27	0(0)	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga North	49	36	73	173(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga South	40	24	60	543(0)	340	8	0(0)	111(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	24	80	528(0)	967	153	0(0)	136(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	30	24	80	375(0)	909	111	0(0)	48(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	67	95	6(0)	355	6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	54	29	53	126(0)	126	4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	77	77	1054(0)	804	21	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kikuyu	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ruiru	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kieni East	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																		
	Kaloleni	18	16	88	1246(0)	441	168	0(0)	2(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	39	39	100	2475(0)	985	211	0(0)	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	40	100	1788(0)	2415	1298	0(0)	25(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	21	20	95	2595(0)	911	292	0(0)	0(0)	21(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	21	100	1903(0)	565	121	0(0)	0(0)	23(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	31	93	497(0)	310	21	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	44	93	1577(0)	439	94	0(0)	0(0)	31(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	35	100	1266(0)	2562	460	0(0)	35(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	21	100	1272(0)	296	49	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	48	48	100	657(0)	1378	198	0(0)	0(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	16	100	581(0)	234	29	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	19	90	510(3)	234	142	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	13	100	534(0)	519	91	0(0)	1(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																		



## Division of Disease Surveillance & Response

Province	District	Reports Expected	Reports Received	% RR	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Chalbi	11	8	72	86(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu West	30	23	76	1743(0)	1247	211	0(0)	0(0)	0(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	11	78	377(0)	0	0	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe South	29	21	72	2121(0)	1009	811	0(0)	45(0)	1(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	16	72	683(0)	1327	644	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	55	100	2678(0)	3142	1440	0(0)	141(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	65	63	96	3218(0)	4274	1906	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	25	18	72	478(0)	262	23	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	14	50	489(0)	29	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	29	26	89	988(1)	505	135	0(0)	59(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	80	78	97	3200(3)	1424	640	0(0)	38(0)	22(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	27	24	88	795(0)	118	47	0(0)	6(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	10	83	101(0)	23	12	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	29	29	100	1456(0)	1064	499	0(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	59	37	62	1079(0)	570	275	0(0)	136(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Marsabit	12	11	91	204(0)	138	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere North	32	32	100	2037(0)	1031	371	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	25	22	88	1178(0)	519	75	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	25	25	100	1803(0)	1267	738	0(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	21	21	100	214(0)	160	6	0(0)	25(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	20	20	100	586(0)	121	37	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	25	78	931(0)	232	94	0(0)	57(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	28	62	649(0)	0	0	0(0)	2(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzau	36	34	94	686(0)	271	42	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	25	17	68	1343(0)	890	446	0(0)	223(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Yatta	20	20	100	776(0)	415	128	0(0)	33(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	25	24	96	1822(0)	2012	1025	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	26	22	84	488(0)	189	114	0(0)	98(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe North	25	20	80	1274(0)	761	463	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

## Division of Disease Surveillance & Response

Province	District	Reports Expected	Reports Received	% RR	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Masinga	31	31	100	1087(0)	334	88	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere South	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Nairobi</b>																		
	Embakasi	30	27	90	1582(0)	1229	169	0(0)	231(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	23	27	117	409(0)	176	70	0(0)	75(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Westlands	16	11	68	114(0)	61	24	0(0)	11(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	15	50	143(0)	0	0	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	20	9	45	226(0)	234	4	0(0)	111(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	54	20	37	556(0)	1581	319	0(0)	174(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	12	5	41	33(0)	388	32	0(0)	31(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	35	21	60	317(0)	169	36	0(0)	30(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	21	58	306(0)	183	62	0(0)	46(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>North Eastern</b>																		
	Fafi	11	7	63	40(0)	76	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	17	11	64	290(0)	727	178	0(0)	17(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	9	9	100	266(0)	128	18	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	10	76	125(0)	43	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	10	10	100	220(0)	104	2	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	6	75	148(0)	93	28	0(0)	9(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	7	87	169(0)	52	15	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	12	80	271(0)	119	55	0(0)	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	6	5	83	280(0)	44	15	0(0)	5(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	12	10	83	118(0)	15	3	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	10	83	220(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Nyanza</b>																		
	Bondo	26	26	100	3196(0)	1431	727	0(0)	101(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Gucha	35	33	94	1704(0)	468	232	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	17	89	872(0)	371	32	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	40	95	1813(0)	1423	438	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)



## Division of Disease Surveillance & Response

Province	District	Reports Expected	Reports Received	% RR	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Kisii Central	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kisii South	11	11	100	658(0)	525	124	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	52	96	3956(0)	1315	484	0(0)	16(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	21	20	95	2092(0)	941	449	0(0)	46(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kuria West	24	23	95	1165(0)	138	63	0(0)	4(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	18	17	94	109(0)	84	13	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	30	93	651(0)	419	15	0(0)	119(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	52	100	2171(0)	850	371	0(0)	19(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	47	97	1243(0)	520	20	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	18	38	1894(0)	817	391	0(0)	95(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Rachuonyo	56	29	51	2887(0)	558	317	0(0)	58(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarieda	22	18	81	1806(0)	225	131	0(0)	46(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	40	40	100	2016(0)	871	503	0(0)	74(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	72	67	93	5435(0)	1345	832	0(0)	234(0)	32(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)
	Mbita	42	42	100	1493(0)	533	161	0(0)	45(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatike	24	16	66	565(0)	0	0	0(0)	36(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	NDHIWA	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyamache	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatike	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Gem	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinyenya	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Marani	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo North	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Rift Valley</b>																		
	Baringo	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Baringo North	37	32	86	729(0)	47	18	0(0)	10(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	43	43	100	1723(1)	600	58	0(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)



## Division of Disease Surveillance & Response

Province	District	Reports Expected	Reports Received	% RR	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Buret	32	31	96	1699(1)	557	170	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	17	6	35	177(0)	0	0	0(0)	4(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	38	38	100	1676(0)	925	194	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	34	85	2201(0)	1105	257	0(0)	32(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	63	44	69	1678(0)	342	94	0(0)	83(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	45	39	86	1101(0)	240	42	0(0)	59(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kipkelion	38	23	60	956(0)	52	13	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	36	36	100	1034(0)	180	64	0(0)	12(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	18	100	1158(0)	283	104	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Laikipia North	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Laikipia West	27	26	96	765(0)	0	0	0(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	25	18	72	487(0)	0	0	0(0)	26(0)	20(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet West	61	45	73	775(0)	107	25	0(0)	41(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	31	91	382(5)	0	0	0(0)	8(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	36	34	94	1600(0)	0	0	0(0)	88(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Nakuru Central	45	44	97	361(1)	813	37	0(0)	117(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	34	32	94	878(0)	277	107	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	24	92	1233(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi East	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nandi North	24	21	87	1554(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	18	18	100	2899(0)	115	49	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	31	96	676(0)	392	118	0(0)	44(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Pokot Central	20	18	90	688(0)	160	83	0(0)	58(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	12	80	1186(0)	658	231	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu Central	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Samburu East	13	6	46	173(0)	0	0	0(0)	13(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	12	5	41	181(0)	0	0	0(0)	0(0)	6(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	250	223	89	1445(0)	368	33	0(0)	16(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

## Division of Disease Surveillance & Response

Province	District	Reports Expected	Reports Received	% RR	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Tinderet	10	10	100	222(0)	144	26	0(0)	21(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Trans Nzoia East	23	23	100	1041(0)	944	349	0(0)	155(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	24	100	1790(0)	601	246	0(0)	9(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	26	17	65	546(0)	748	127	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	DNR	DNR	0	DNR	386	255	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Turkana South	24	14	58	386(1)	20	9	0(0)	14(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	38	100	1341(0)	890	264	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	21	87	1629(0)	406	259	0(0)	118(0)	9(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho West	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kuresoi	9	9	100	2129(0)	397	167	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njoro	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marigat	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Chepalungu	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Western</b>																		
	Bungoma East	13	13	100	2284(4)	1864	1184	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma North	21	21	100	1882(0)	1156	702	0(0)	88(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	22	22	100	4722(4)	1872	929	0(0)	130(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	20	20	100	1819(0)	953	573	0(0)	44(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	7	100	362(0)	312	110	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	31	31	100	4606(0)	2436	1407	0(0)	207(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	18	100	3473(1)	875	465	0(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	22	100	1571(0)	446	244	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kakamega Central	28	28	100	4163(0)	2110	848	0(0)	155(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East	14	14	100	1632(0)	1022	262	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North	19	19	100	2371(0)	1081	768	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South	11	11	100	1460(0)	716	413	0(0)	91(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

## Division of Disease Surveillance & Response

Province	District	Reports Expected	Reports Received	% RR	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Lugari	24	24	100	3304(0)	899	202	0(0)	89(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	16	16	100	1412(0)	1200	568	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Samia	10	10	100	703(0)	78	60	0(0)	8(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso North	11	10	90	1949(3)	419	167	0(0)	21(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	20	20	100	2707(0)	1402	589	0(0)	105(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Teso South	22	22	100	1571(0)	446	244	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lukuyani	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matete	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sabatia	0	0	0	0(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(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 24 summary	0 (0)	1,038 (0)	179,185 (28)	90,994	33,497	44 (0)	5 (0)	5,980 (0)	1 (0)	2 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	29,087 (1)	4,361,933 (513)	2,046,287	727,517	1,341 (7)	55 (2)	133,094 (6)	4 (0)	25 (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