



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

## WEEKLY EPIDEMIOLOGICAL BULLETIN

**Week 28**

**Week Ending 17<sup>th</sup> July 2011**

Provincial & national surveillance indicators for week 28

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	14	14	14	79	100	100	93
Coast	13	13	13	96	100	100	99
Eastern	34	31	31	73	91	100	87
Nairobi	9	9	9	60	100	100	87
N. Eastern	11	11	11	85	100	100	95
Nyanza	31	30	30	78	97	100	91
R. Valley	51	49	49	79	96	100	91
Western	24	21	21	84	88	100	88
<b>National</b>	<b>187</b>	<b>178</b>	<b>178</b>	<b>78</b>	<b>95</b>	<b>100</b>	<b>90</b>

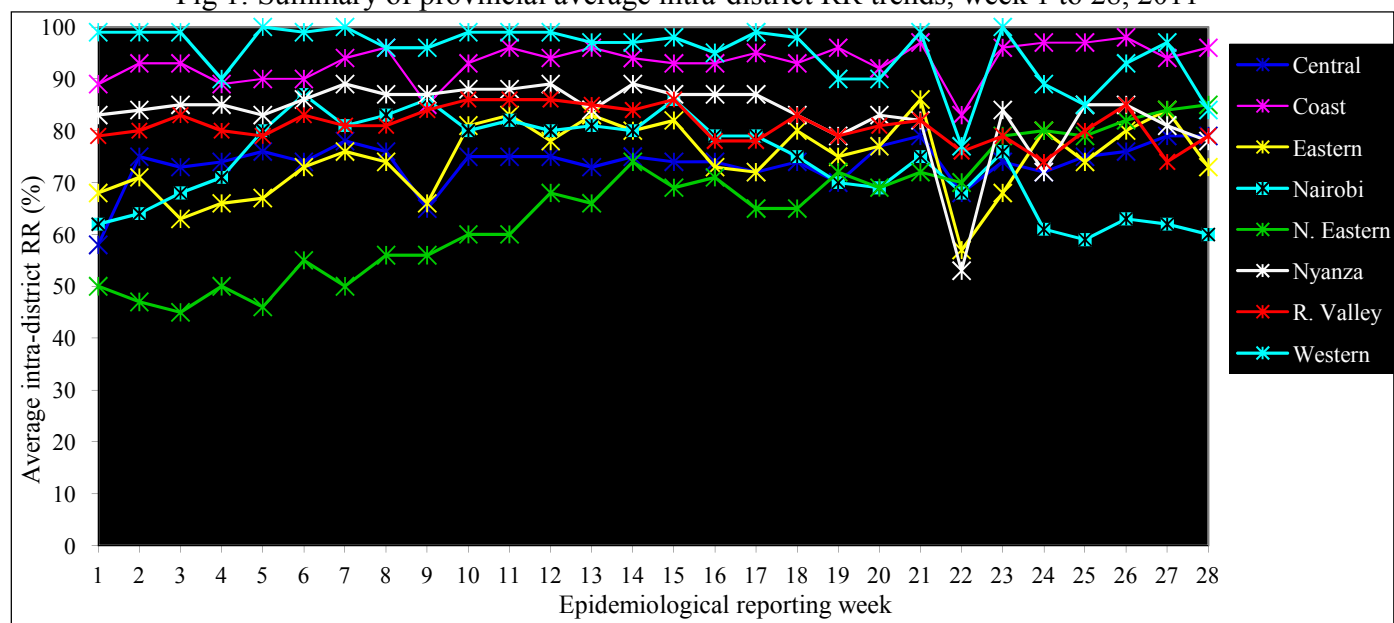
⊕ Overall IDSR reporting performance declined in week 28 as compared to week 27

⊕ 16 new measles cases confirmed in week 28 in 9 districts

⊕ Total confirmed measles cases in the country now 249 by week 28

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Fig 1: Summary of provincial average intra-district RR trends, week 1 to 28, 2011



**Reports not received from the following 9 districts**

Kitui, Tigania, Mbeere South, Mbita, Nakuru Central, Narok South, Bunyala, Kakamega Central, Mt. Elgon

Fig. 2: Confirmed measles cases (n=249), week 1 to 28, 2011

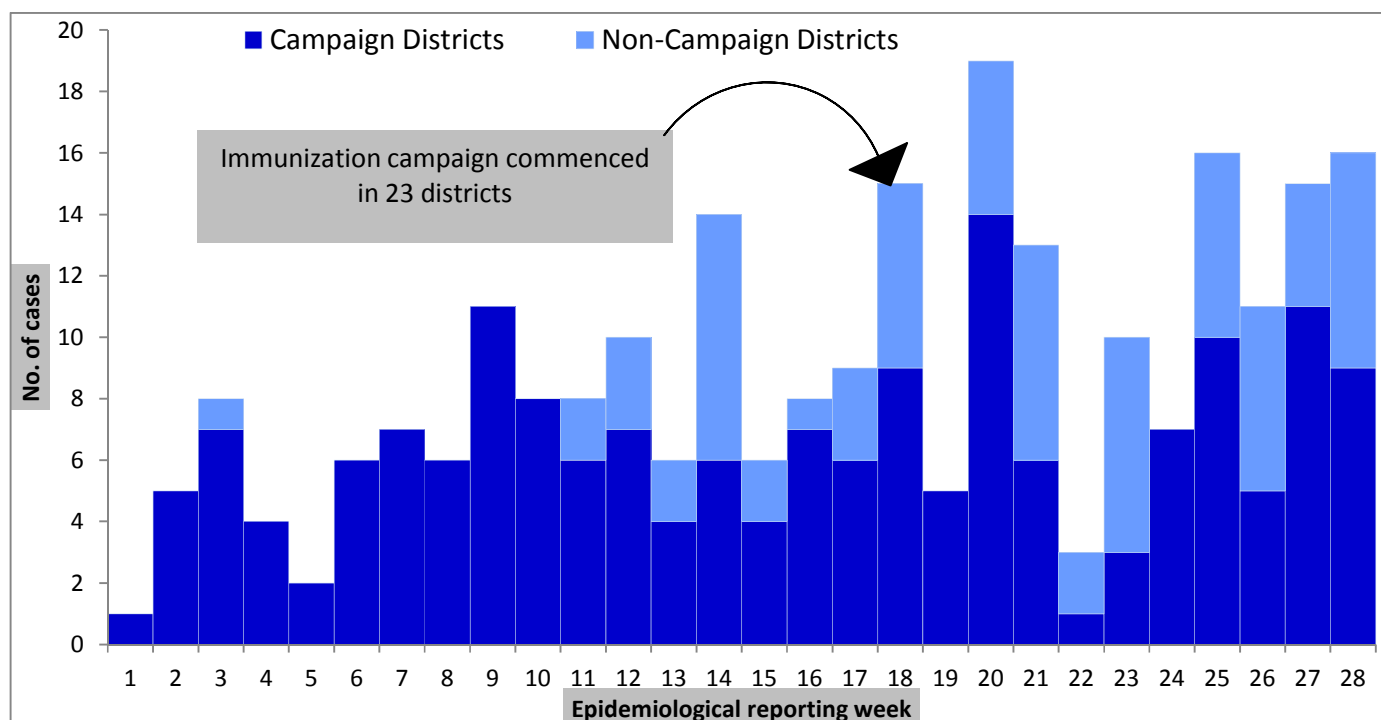


Fig. 3: Confirmed measles cases (n=249) by reporting district, week 1 to 28, 2011

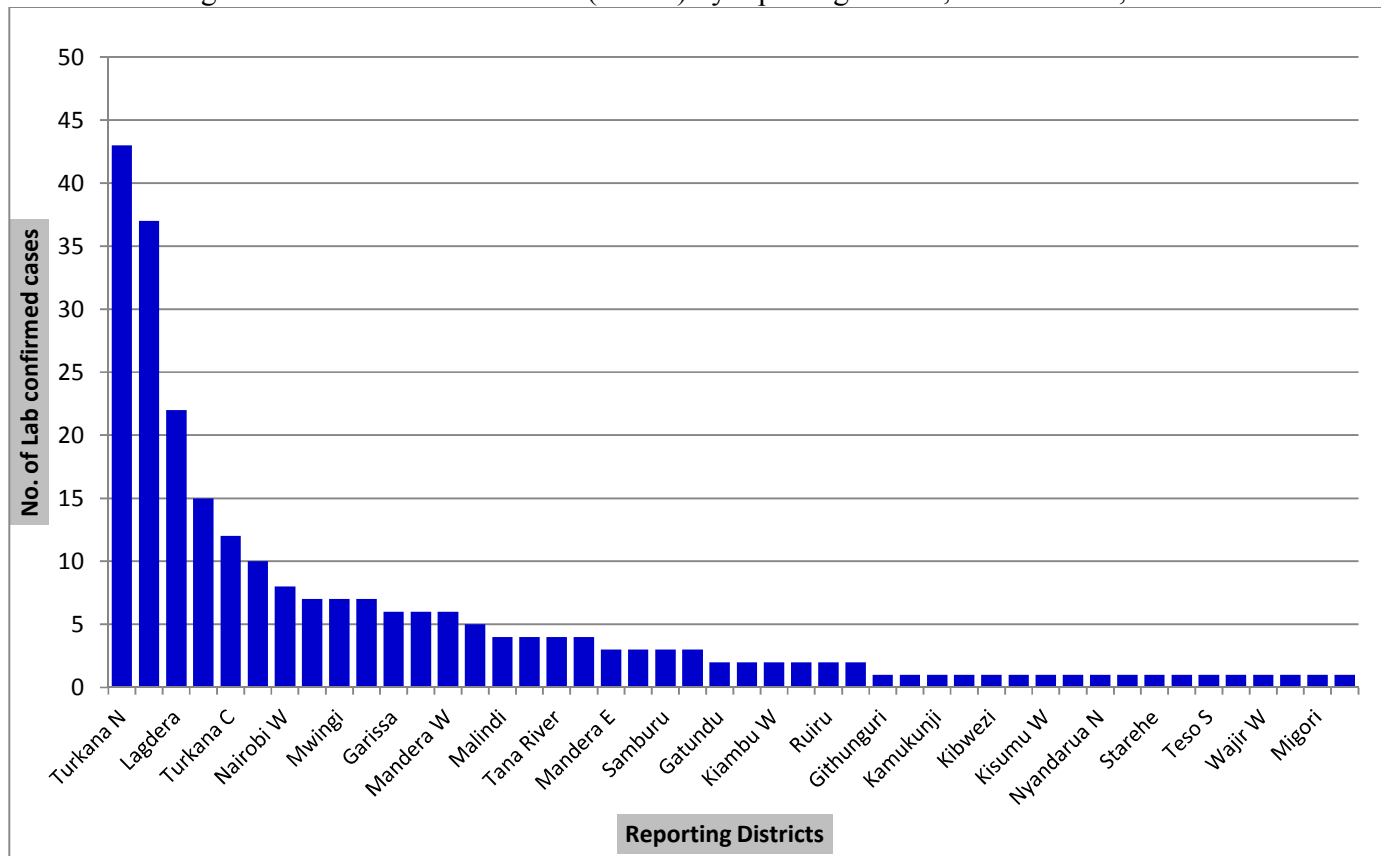
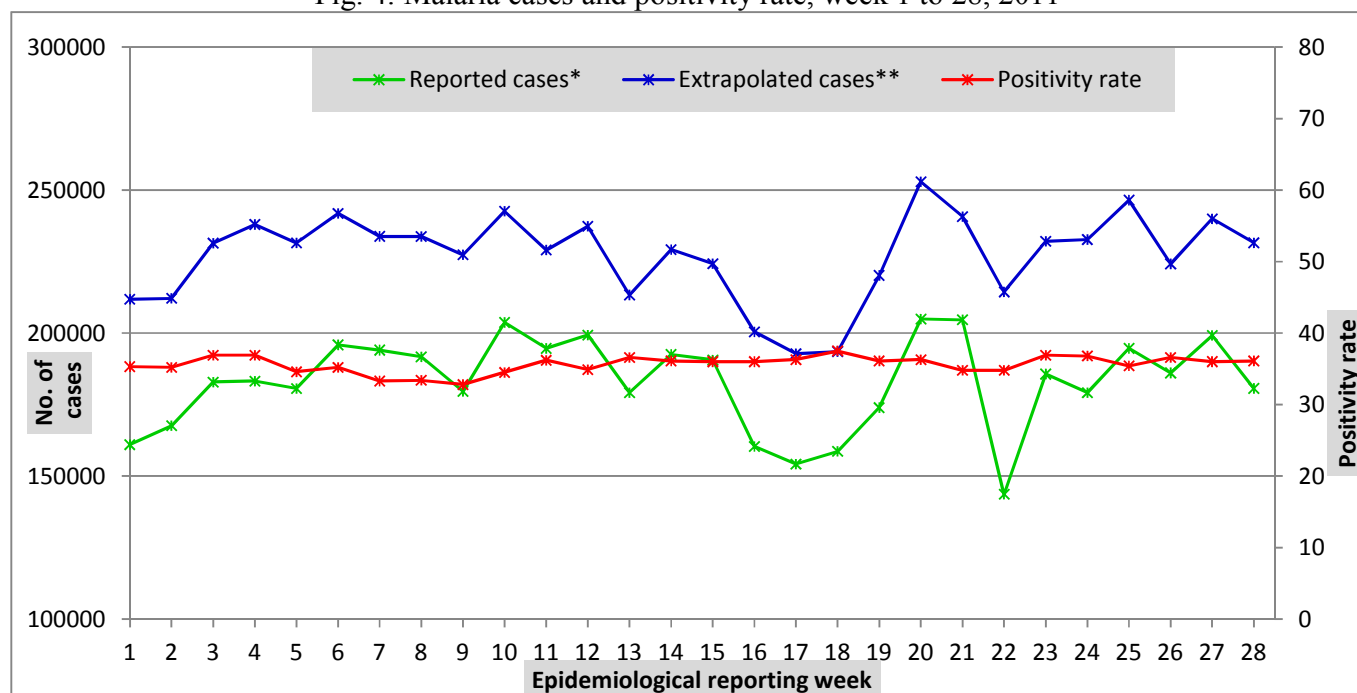


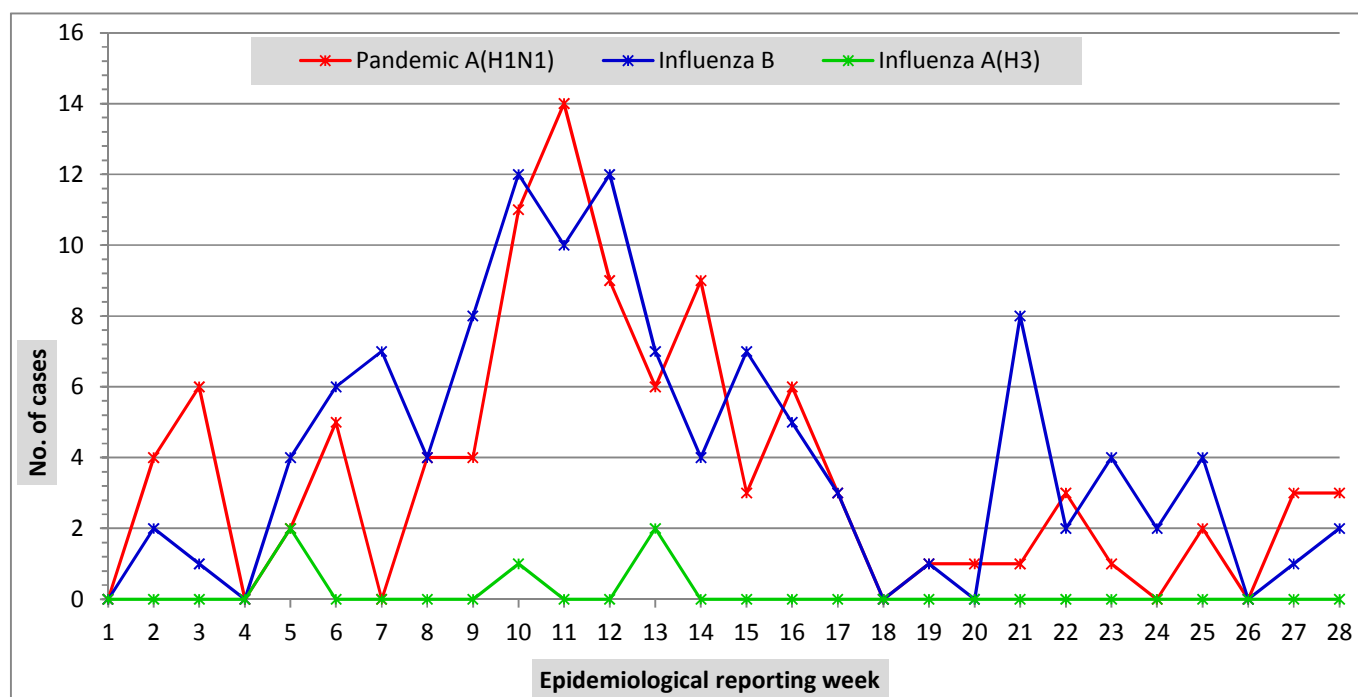
Fig. 4: Malaria cases and positivity rate, week 1 to 28, 2011



\* 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 28, 2011



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

### Highlights for the week

<p>⊕ Nationally:</p> <ul style="list-style-type: none"> <li>○ The surveillance weighted aggregate score declined from 92% in week 27 to 90%</li> <li>○ The proportion of districts that reported also declined from 96% in week 27 to 95%</li> <li>○ The intra-district average reporting rate declined further from 81% to 78%</li> </ul> <p>⊕ Best performing provinces in week 28 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 91% of districts in Eastern province reported</li> <li>○ Intra-district facility reporting rate: 96% of health facilities in Coast province reported while only 60% of health facilities in Nairobi province reported</li> </ul> <p>⊕ Most improved provinces in week 28 of 2011:</p> <ul style="list-style-type: none"> <li>○ Intra-district facility RR: Rift Valley (74% to 79%) province improved the most while Western (97% to 84%) and Eastern (84% to 73%) provinces declined the most in performance</li> <li>○ District reporting rate: Nyanza (90% to 97%) province improved the most while Eastern (100% to 91%) and Western (96% to 88%) provinces declined the most in performance in the week</li> </ul> <p>⊕ Fifty three (28%) districts [a decline from fifty seven (30%) districts in week 27] attained 100% intra-district reporting rate</p>	<p><b>Measles</b></p> <p>⊕ 62 suspected cases (a fall from 64 in week 27) were reported from 16 districts, with no reported deaths</p> <ul style="list-style-type: none"> <li>○ The cases were reported from: Mwingi (18), Naivasha (14), Tharaka (12), Meru South (2), Kwale (2), Taveta (2), Chepalungu (2), Laikipia East (2), Kakamega North (1), Turkana Central (1), Wajir East (1), Maara (1), Athi River (1), Kajiado (1), Kilifi (1) and Narok North (1) districts</li> </ul> <p>⊕ The laboratory surveillance system investigated 54 case specimen from 26 districts</p> <ul style="list-style-type: none"> <li>○ Sixteen (30%) specimen tested positive for measles IgM.</li> <li>○ The specimen were submitted from: Lagdera (7), Nairobi North (2), Igembe (1), Isiolo (1), Kiambu West (1), Machakos (1), Masinga (1), Migori (1) and Nyeri North (1) districts</li> </ul> <p>⊕ Another 16 (30%) specimen tested positive for rubella</p> <p><b>Dysentery</b></p> <p>⊕ Reported cases declined from 1,301 in week 27 to 949 with no death</p> <p><b>Typhoid fever</b></p> <p>⊕ Reported cases declined from 5,713 in week 27 to 5,476 with no death</p> <p><b>AFP</b></p> <p>⊕ No cases were reported in the week</p> <p><b>Meningococcal Meningitis</b></p> <p>⊕ One case was reported by Embu West district with no reported death</p> <p><b>NNT</b></p> <p>⊕ Zero cases were reported in the week</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 in the week were processed</p> <ul style="list-style-type: none"> <li>○ Three (6%) specimen tested positive for pandemic A H1N1 influenza</li> <li>○ Two (4%) specimen tested positive for influenza B virus</li> <li>○ None tested positive for influenza A (H1), influenza A (H3) and influenza A (H5)</li> </ul>
<div style="border: 1px solid black; padding: 5px; text-align: center; margin: 10px 0;"> <b>Disease specific reports</b> </div> <p><b>Malaria</b></p> <p>⊕ Reported cases decreased from 199,182 in week 27 to 180,638 in week 28</p> <p>⊕ Mortality however increased from 24 cases in week 27 to 26 cases</p> <ul style="list-style-type: none"> <li>○ The deaths were reported from: Bungoma East (6), Kinango (3), Imenti North (3), Bungoma South (2), Kakamega North (2), Teso North (2), Embu East (1), West Pokot (1), Turkana Central (1), Trans Nzoia West (1), Kibwezi (1), Kuresoi (1), Pokot North (1) and Nandi East (1) districts</li> </ul> <p>⊕ Overall, 89,688 (50%) cases were laboratory tested, yielding a positivity rate of 36.1%</p> <p><b>Cholera</b></p> <p>⊕ Zero cases were reported in the week</p>	

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 28

Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
Central																		
	Gatundu	42	73	38	130(0)	284	10	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	100	36	761(0)	1468	196	0(0)	225(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	32	56	18	141(0)	332	52	0(0)	56(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	13	46	6	241(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 North	49	75	37	388(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	95	38	642(0)	655	38	0(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	40	60	24	209(0)	814	75	0(0)	97(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	30	93	28	113(0)	174	11	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	97	68	8(0)	377	7	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	51	28	130(0)	131	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	80	80	1273(0)	905	21	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kikuyu	28	67	19	64(0)	153	64	0(0)	21(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	21	100	21	1148(0)	377	95	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	42	100	42	2152(0)	808	178	0(0)	1(0)	47(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	100	40	1395(0)	1703	716	0(0)	11(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	21	100	21	2577(3)	699	235	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	100	21	1806(0)	864	158	0(0)	0(0)	7(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	96	32	553(0)	307	27	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	93	44	1042(0)	965	67	0(0)	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	88	31	755(0)	1568	454	0(0)	4(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	100	21	440(0)	948	277	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	49	100	49	575(0)	1726	187	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	100	16	617(0)	111	9	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	61	13	378(0)	129	62	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	13	522(0)	658	75	0(0)	0(0)	7(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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					Cases	Tested	Positive											
Eastern																		
	Chalbi	11	81	9	102(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	80	24	1802(0)	1259	208	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	64	9	317(0)	14	1	0(0)	4(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe South	35	68	24	2317(0)	1369	619	0(0)	60(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	72	16	660(0)	1362	562	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	87	48	2136(3)	1937	831	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	70	98	69	3418(0)	3734	1903	0(0)	152(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	25	88	22	552(0)	360	76	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	67	19	492(0)	63	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	30	96	29	1322(1)	547	108	0(0)	71(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	80	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kyuso	27	88	24	786(0)	93	26	0(0)	5(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	58	7	64(0)	17	7	0(0)	4(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	29	100	29	1876(0)	1098	564	0(0)	41(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	33	11	392(0)	324	93	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	43	88	38	1571(0)	420	162	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	12	91	11	249(0)	160	24	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere North	10	100	10	766(0)	477	219	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	79	19	968(0)	275	38	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	25	100	25	1545(0)	1393	808	0(0)	37(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	21	85	18	132(0)	70	4	0(0)	29(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	20	100	20	645(0)	151	18	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	81	26	837(0)	468	86	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	75	34	1190(0)	0	0	0(0)	1(0)	4(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzaui	36	91	33	790(0)	333	120	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	20	75	15	924(0)	506	200	0(0)	81(0)	100(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Yatta	20	90	18	598(0)	429	114	0(0)	59(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	25	100	25	2170(1)	1980	1067	0(0)	36(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	26	69	18	301(0)	521	208	0(0)	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)



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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Igembe North	25	84	21	1654(0)	815	420	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	34	100	34	1227(0)	578	155	0(0)	45(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	22	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
<b>Nairobi</b>																		
	Embakasi	30	83	25	1268(0)	444	91	0(0)	205(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	27	81	22	194(0)	79	24	0(0)	66(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Westlands	16	68	11	112(0)	118	49	0(0)	30(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	36	11	193(0)	0	0	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	20	45	9	356(0)	240	21	0(0)	159(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	54	40	22	940(0)	1056	261	0(0)	185(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	12	66	8	25(0)	170	20	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	35	65	23	320(0)	167	50	0(0)	38(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	69	25	293(0)	280	72	0(0)	38(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>North Eastern</b>																		
	Fafi	11	72	8	62(0)	110	19	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	17	82	14	410(0)	535	158	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	9	100	9	205(0)	209	53	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	69	9	72(0)	58	6	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	11	90	10	219(0)	47	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	9	88	8	171(0)	101	47	0(0)	9(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	87	7	149(0)	43	14	0(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	100	15	325(0)	62	36	0(0)	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	6	83	5	284(0)	27	5	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	12	75	9	123(0)	10	0	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	83	10	143(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	88	23	2320(0)	1265	589	0(0)	80(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	85	23	1072(0)	221	10	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	27	100	27	1347(0)	586	265	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	100	19	747(0)	354	37	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Homa Bay	30	90	27	1556(0)	1136	324	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	42	64	34	1992(0)	1323	137	0(0)	193(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	11	804(0)	551	122	0(0)	11(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	92	50	3696(0)	1287	483	0(0)	15(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	100	22	2211(0)	1000	553	0(0)	45(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	56	9	301(0)	83	51	0(0)	8(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	95	23	1118(0)	192	75	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	18	94	17	130(0)	125	12	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	100	32	1060(0)	557	23	0(0)	121(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	26	100	26	1079(0)	441	223	0(0)	14(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	95	46	987(0)	458	7	0(0)	19(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	55	26	2330(0)	467	232	0(0)	18(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	30	17	1419(0)	407	195	0(0)	39(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarieda	22	95	21	1978(0)	1330	615	0(0)	28(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	25	100	25	1583(0)	463	206	0(0)	61(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	60	83	50	5902(0)	2309	968	0(0)	27(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbita	42	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	NDHIWA	26	88	23	912(0)	786	217	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamache	13	92	12	422(0)	167	56	0(0)	35(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	13	61	8	706(0)	421	273	0(0)	24(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	100	15	854(0)	297	131	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatike	28	85	24	1121(0)	408	111	0(0)	18(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	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	18	89	16	1722(0)	387	157	0(0)	30(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marani	9	100	9	602(0)	409	42	0(0)	9(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo North	26	38	10	1186(0)	383	238	0(0)	52(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Rift Valley</b>																		
	Baringo	31	93	29	492(0)	86	42	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	86	32	938(0)	26	12	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	23	100	23	867(0)	318	39	0(0)	31(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)



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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Buret	24	91	22	1555(0)	671	93	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	17	35	6	318(0)	0	0	0(0)	12(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	38	100	38	1881(0)	889	240	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	95	38	1458(0)	264	125	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	30	76	23	697(0)	191	48	0(0)	45(0)	3(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	20	80	16	579(0)	348	94	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	30	96	29	1595(0)	458	68	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	78	30	1534(0)	200	25	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	37	97	36	1060(0)	419	105	0(0)	24(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	100	18	1185(0)	735	301	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	85	12	233(0)	31	0	0(0)	16(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	77	7	54(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)
	Laikipia West	27	92	25	674(0)	0	0	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	25	72	18	447(0)	0	0	0(0)	18(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet West	33	72	24	717(0)	64	15	0(0)	13(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	8	75	6	76(0)	0	0	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	36	86	31	1160(0)	443	147	0(0)	44(0)	1(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru Central	45	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nakuru North	46	86	40	1242(0)	479	169	0(0)	139(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	80	21	1207(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	32	84	27	1035(1)	353	96	0(0)	19(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	66	16	860(0)	394	117	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	24	91	22	1753(0)	117	52	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	100	32	659(0)	404	68	0(0)	31(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Pokot Central	20	95	19	1083(0)	343	91	0(0)	55(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	80	12	1141(1)	774	318	0(0)	29(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu Central	24	58	14	526(0)	0	0	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	61	8	168(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)
	Samburu North	12	83	10	206(0)	0	0	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	30	100	30	1321(0)	272	27	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Tinderet	10	100	10	281(0)	177	35	0(0)	40(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	48	87	42	1819(0)	210	20	0(0)	83(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	100	23	1056(0)	1045	429	0(0)	154(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	100	24	1906(1)	602	197	0(0)	9(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	77	31	1928(1)	548	328	0(0)	40(0)	4(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	24	58	14	588(0)	924	201	0(0)	5(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	24	54	13	660(0)	20	3	0(0)	17(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	97	37	1296(0)	688	227	0(0)	59(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	87	21	1939(1)	735	198	0(0)	73(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho West	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)
	Kuresoi	25	68	17	132(1)	0	0	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njoro	21	52	11	177(0)	0	0	0(0)	2(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	28	75	21	460(0)	103	29	0(0)	18(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	22	59	13	586(0)	94	27	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Chepalungu	20	100	20	936(0)	232	24	0(0)	48(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	33	84	28	953(0)	236	41	0(0)	12(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	100	13	2255(6)	1923	1241	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma North	13	100	13	1136(0)	538	367	0(0)	8(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	22	100	22	4432(2)	2081	1028	0(0)	90(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	20	100	20	1718(0)	946	645	0(0)	47(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Busia	19	100	19	3404(0)	1449	1000	0(0)	94(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	100	10	2267(0)	533	283	0(0)	76(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	100	23	2004(0)	389	248	0(0)	54(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	12	100	12	1348(0)	848	300	0(0)	148(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	28	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kakamega East	14	100	14	1346(0)	930	171	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North	19	100	19	2618(2)	1160	839	0(0)	28(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South	11	100	11	1724(0)	803	398	0(0)	88(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Lugari	14	100	14	1490(0)	320	78	0(0)	85(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	16	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mumias	19	100	19	2778(0)	1171	645	0(0)	82(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	11	100	11	1170(0)	221	150	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso North	11	90	10	2114(2)	433	168	0(0)	31(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	10	100	10	1682(0)	985	436	0(0)	75(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	9	100	9	1202(0)	1153	797	0(0)	6(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso South	9	100	9	2644(0)	630	277	0(0)	57(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lukuyani	10	80	8	762(0)	96	11	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matete	5	100	5	762(0)	138	37	0(0)	50(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sabatia	12	100	12	1460(0)	570	224	0(0)	49(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 28 summary	0 (0)	949 (0)	180,638 (26)	89,688	32,336	62 (0)	1 (0)	5,476 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	33,404 (1)	5,122,531 (719)	2,419,071	861,827	1,550 (7)	62 (4)	155,345 (6)	5 (0)	28 (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

MM: Meningococcal Meningitis

VHF: Viral Hemorrhagic Fever

NEP: North Eastern Province

% RR: Health Facility reporting rate for this week

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)