



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

**WEEKLY EPIDEMIOLOGICAL BULLETIN**

**Week 21**

**Week Ending 29<sup>th</sup> May 2011**

Provincial & national surveillance indicators for week 21

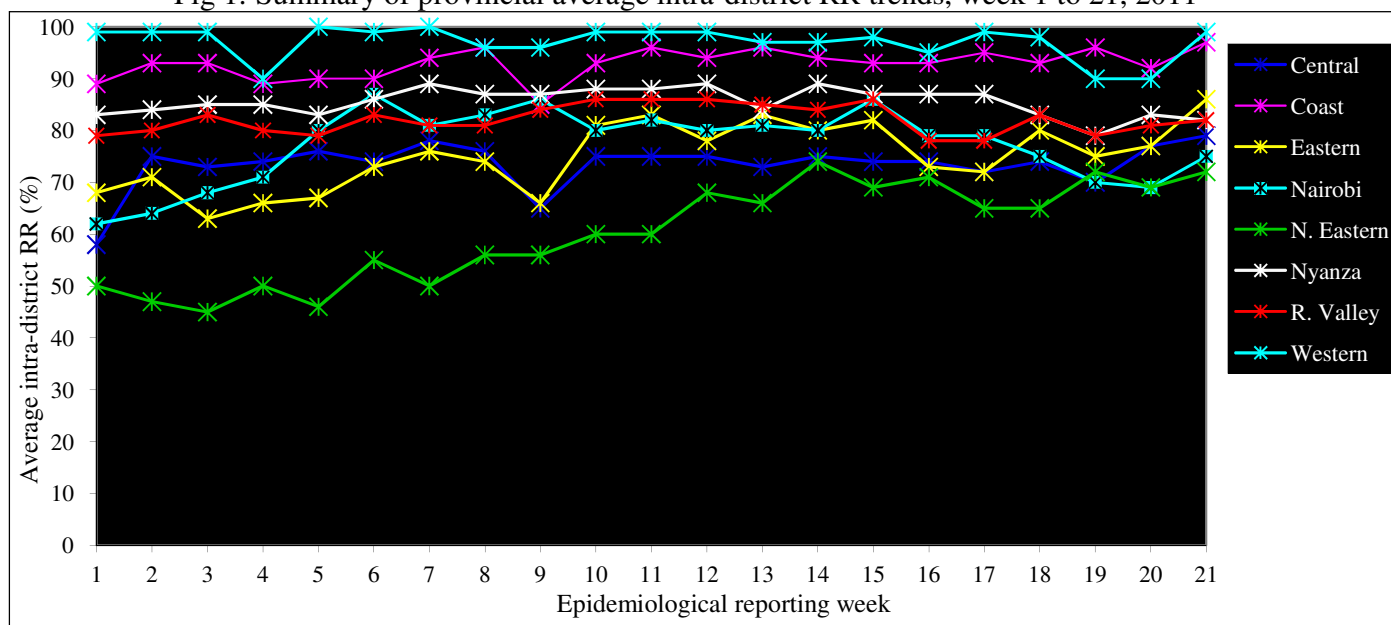
Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	10	10	79	91	100	88
Coast	13	12	12	97	92	100	95
Eastern	28	28	28	86	100	100	95
Nairobi	5	5	5	75	100	100	92
N. Eastern	11	11	11	72	100	100	91
Nyanza	23	20	20	82	87	100	87
R. Valley	43	39	39	82	98	100	89
Western	21	21	21	99	100	100	100
<b>National</b>	<b>155</b>	<b>146</b>	<b>146</b>	<b>85</b>	<b>94</b>	<b>100</b>	<b>92</b>

⊕ The number of IDSR reporting districts has increased from 149 to 155 owing to division of existing districts

⊕ 11 new measles cases confirmed in week 20 in 7 districts

⊕ Total confirmed measles cases in the country now 167 by week 21

Fig 1: Summary of provincial average intra-district RR trends, week 1 to 21, 2011



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

Nyandarua South, Kaloleni, South Gucha, Kuria East, Suba, Baringo, Eldoret West,  
Samburu Central, Sotik

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Fig. 2: Confirmed measles cases (n=167), week 1 to 21, 2011

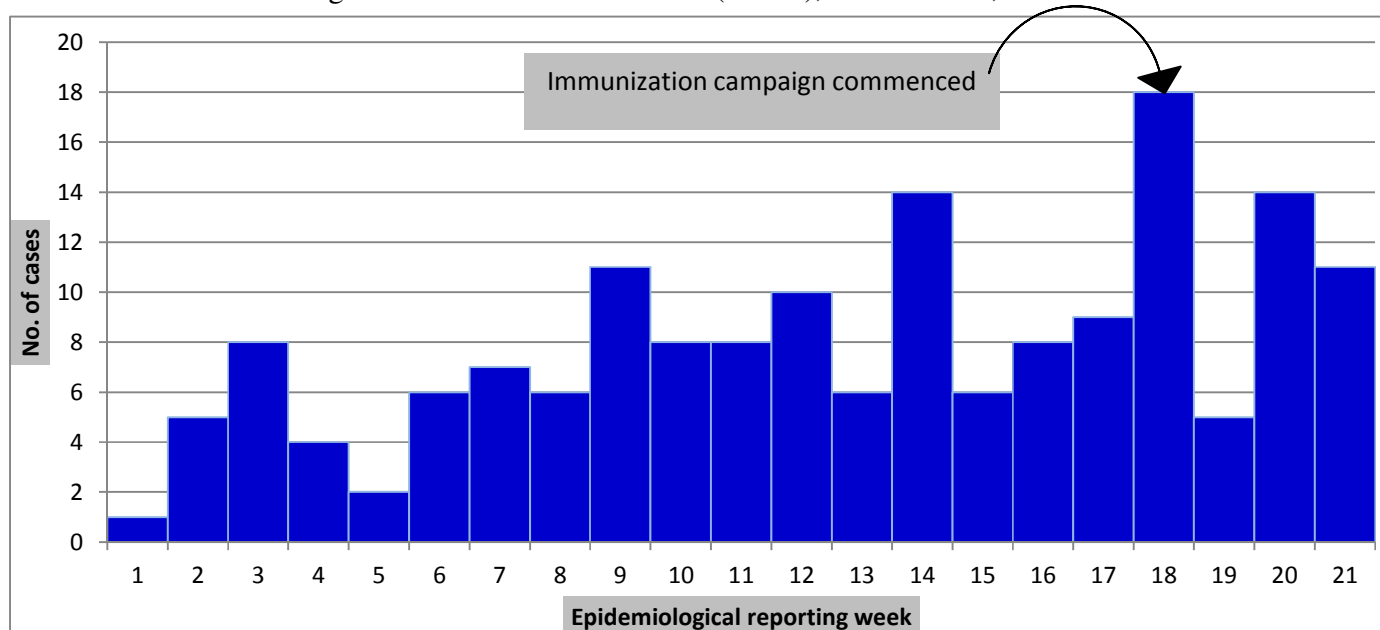
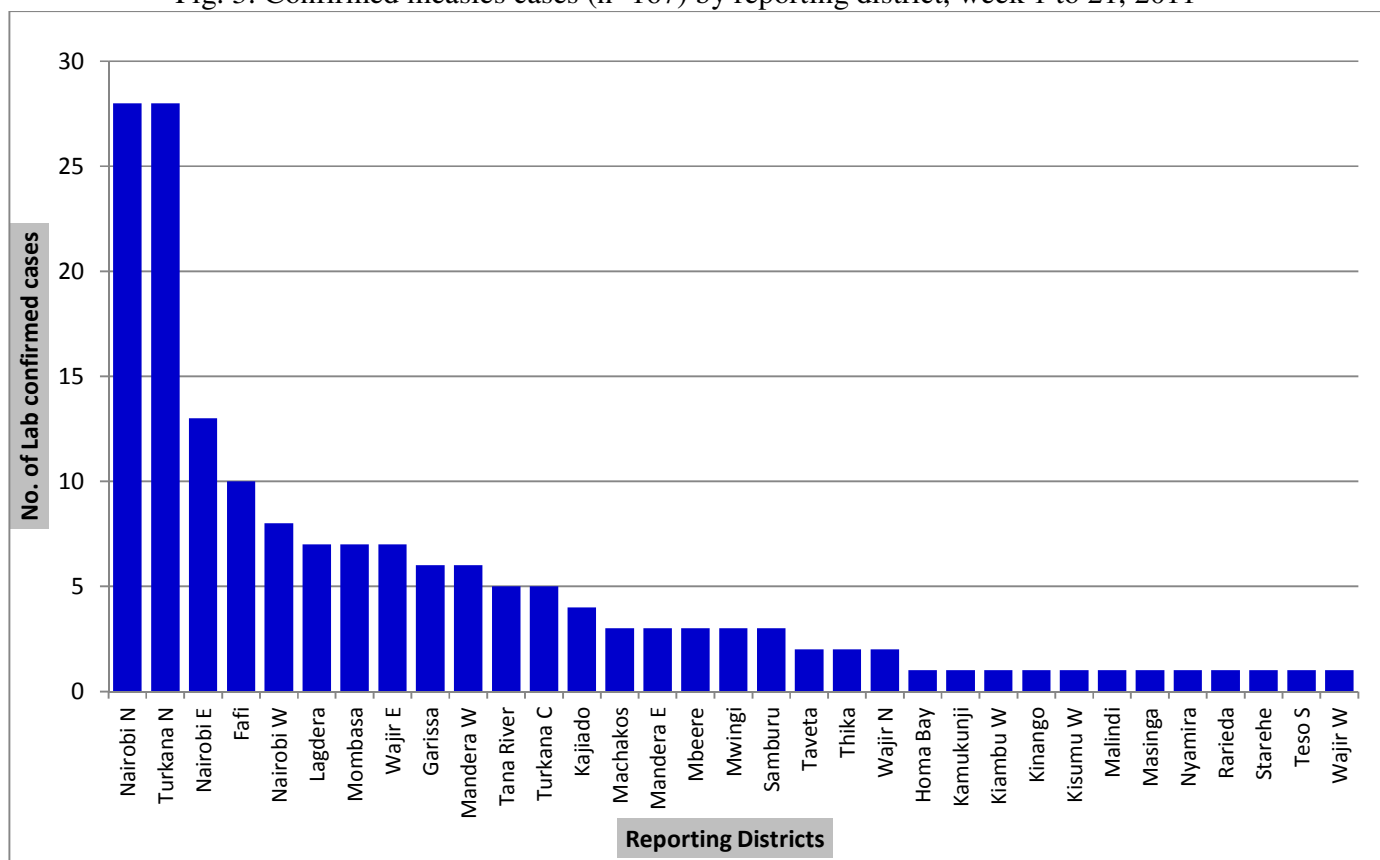
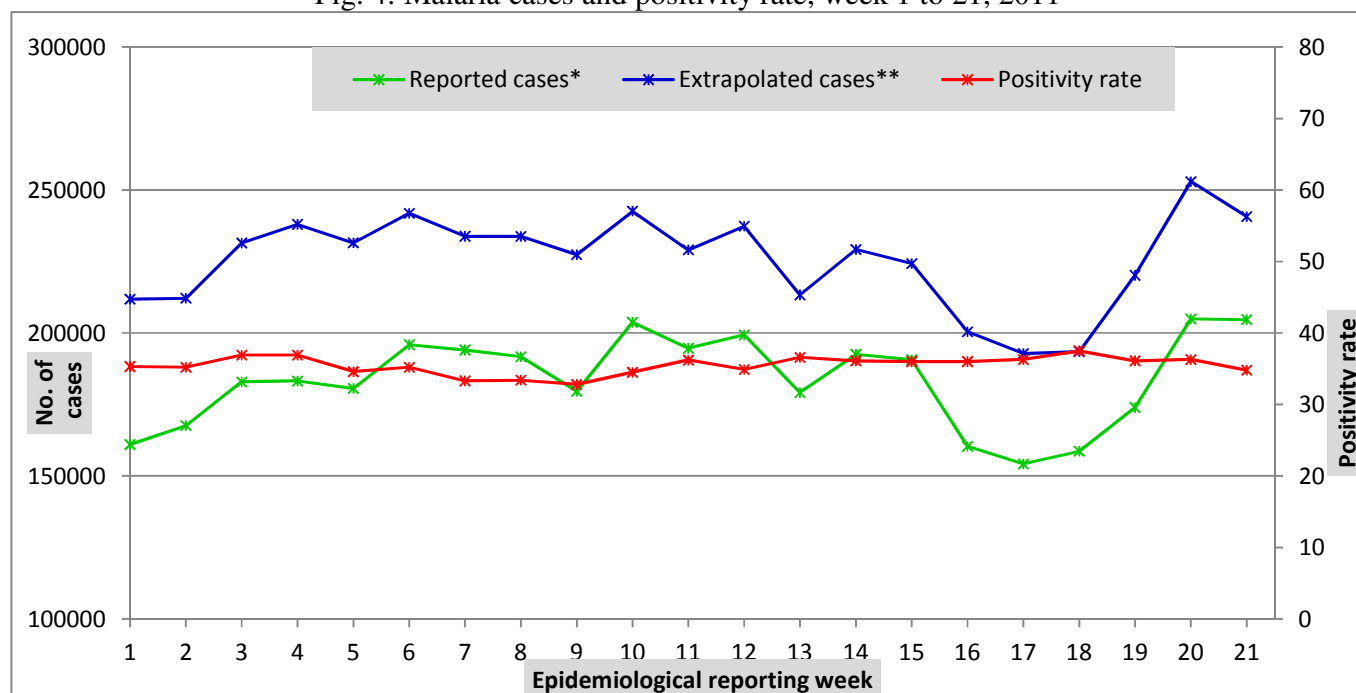


Fig. 3: Confirmed measles cases (n=167) by reporting district, week 1 to 21, 2011



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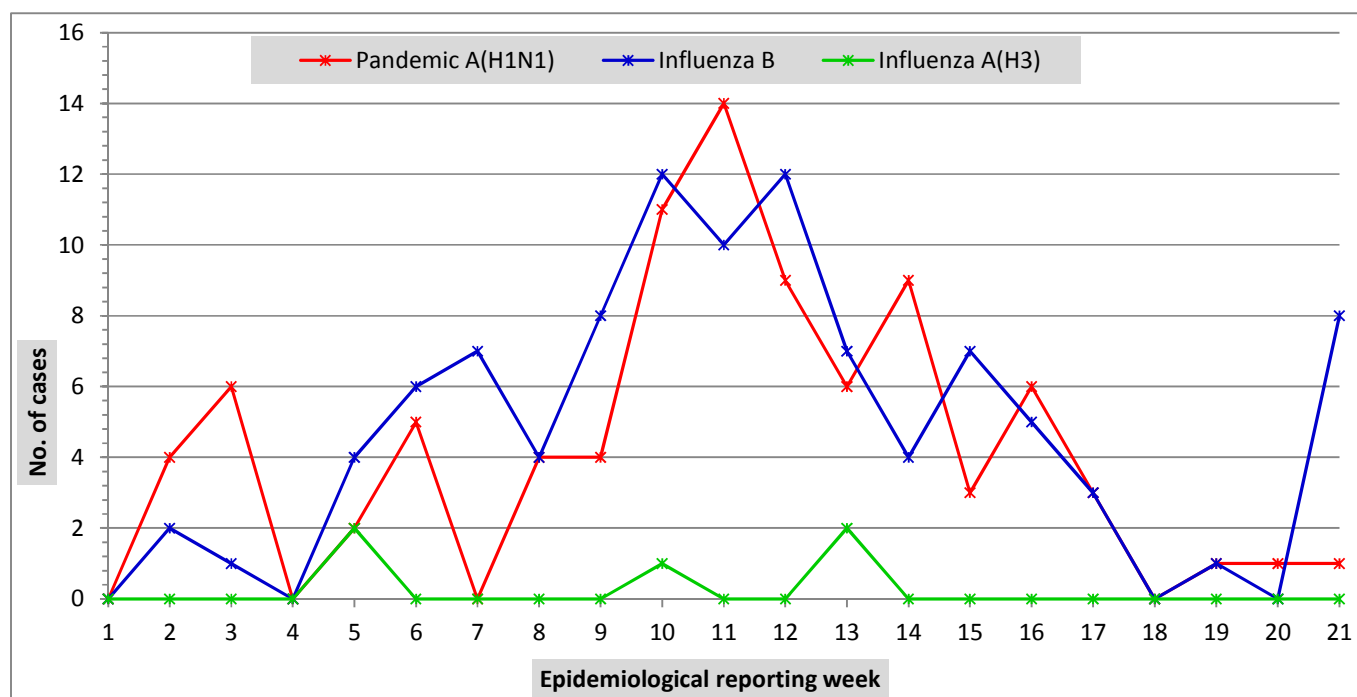
Fig. 4: Malaria cases and positivity rate, week 1 to 21, 2011



\* 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 21, 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 remained at 92% in week 21</li> <li>○ The proportion of districts that reported declined from 96% in week 20 to 94% in week 21</li> <li>○ The intra-district average reporting rate however improved from 81% in week 20 to 85% in week 21</li> </ul> <p>⊕ Best performing provinces in week 21 of 2011:</p> <ul style="list-style-type: none"> <li>○ District reporting rate: All districts in Eastern, Nairobi, North Eastern and Western provinces reported while only 87% of the districts in Nyanza province reported</li> <li>○ Intra-district facility reporting rate: Western (99%) and Coast (97%) provinces had the highest health facility reporting rate while only 72% of health facilities in North Eastern and 75% of those in Nairobi provinces reported</li> </ul> <p>⊕ Most improved provinces in week 21 of 2011:</p> <ul style="list-style-type: none"> <li>○ Intra-district facility RR: Eastern (77% to 86%) and Western (90% to 99%) provinces improved the most while only Nyanza province (83% to 82%) declined in performance in the week</li> <li>○ District reporting rate: Only Western (89% to 100%) and Eastern (96% to 100%) provinces improved while Central province (100% to 91%) declined the most in performance in week 21</li> </ul> <p>⊕ Forty eight (31%) districts [a rise from forty four (30%) districts in week 19] attained 100% intra-district reporting rate</p>	<p><b>Cholera</b></p> <p>⊕ Zero cases were reported in the week</p> <p><b>Measles</b></p> <p>⊕ 48 suspected cases (a rise from 47 in week 20) were reported from 18 districts, with no reported death</p> <ul style="list-style-type: none"> <li>○ The cases were reported from the following districts: Kajiado (7), Kitui (5), Nyamira (5), Samburu (5), Turkana Central (4), Kiambu East (4), Mwingi (4), Mombasa (2), Nakuru Central (2), Naivasha (2), Kisumu West (1), Meru South (1), Wajir East (1), Kilindini (1), Starehe (1), Bomet (1), Kirinyaga (1) and Laikipia East (1)</li> </ul> <p>⊕ The laboratory surveillance system investigated 55 case specimen from 27 districts</p> <ul style="list-style-type: none"> <li>○ Eleven (20%) specimen tested positive for measles IgM.</li> <li>○ The specimen were submitted from: Mwingi (3), Lagdera (2), Mbeere (2), Nairobi North (1), Nairobi East (1), Samburu (1) and Taveta (1) districts</li> </ul> <p>⊕ Eight (15%) specimen tested positive for rubella</p> <p><b>Dysentery</b></p> <p>⊕ Reported cases declined from 1,596 in week 20 to 1,281 in week 21 with no death</p> <p><b>Typhoid fever</b></p> <p>⊕ Reported cases rose from 5,447 in week 20 to 6,025 with no death</p> <p><b>AFP</b></p> <p>⊕ Two cases were reported in the week with no death</p> <p>⊕ The cases were reported from Gucha (1) and Siaya (1) districts</p> <p><b>Meningococcal Meningitis</b></p> <p>⊕ Three cases were reported in the week with no death</p> <p>⊕ All the case were reported from Kirinyaga district</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>⊕ Thirty five specimen submitted to the national influenza center by the Walter Reed Influenza Surveillance system were processed</p> <ul style="list-style-type: none"> <li>○ One (3%) specimen tested positive for pandemic influenza A (H1N1)</li> <li>○ Eight (23%) specimen tested positive for influenza B virus</li> <li>○ None tested positive for influenza A (H1), influenza A (H3) and influenza A (H5) virus</li> </ul>
<div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 10px;"> <b>Disease specific reports</b> </div> <p><b>Malaria</b></p> <p>⊕ Reported cases rose from 204,884 in week 20 to 204,630 in week 21</p> <p>⊕ Mortality also rose from 24 cases in week 20 to 33 cases</p> <ul style="list-style-type: none"> <li>○ The deaths were reported from: Bungoma East (8), Bungoma South (4), Kibwezi (3), Kitui (3), Igembe (2), Molo (2), Nandi East (2), Kakamega North (2), Tana River (1), Kisumu West (1), Rarieda (1), Kajiado (1), West Pokot (1), Mumias (1) and Teso North (1) districts</li> </ul> <p>⊕ Overall, 103,042 (50%) cases were laboratory tested, yielding a positivity rate of 34.8%</p>	

**For comments please contact:**

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 21

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	90	38	298(0)	288	4	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	100	36	945(0)	1338	237	0(0)	207(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	75	41	334(0)	534	56	0(0)	75(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	89	65	58	1416(0)	1483	35	0(0)	1(0)	2(0)	1(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga North	49	83	41	480(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	52	21	392(0)	407	13	0(0)	66(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	86	26	387(0)	604	85	0(0)	133(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyeri North	70	95	67	13(0)	337	13	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	59	32	142(0)	142	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	
Thika	100	83	83	1128(0)	776	19	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	
Coast	Kaloleni	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kilifi	39	97	38	2024(0)	1033	363	0(0)	0(0)	92(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	100	40	1648(0)	1608	741	0(0)	11(0)	45(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	20	100	20	2487(0)	735	208	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	95	20	1349(0)	980	149	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	96	32	448(0)	239	18	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	91	43	1308(0)	951	46	0(0)	0(0)	148(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	100	35	1276(0)	2603	543	0(0)	24(0)	14(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	100	21	916(0)	498	168	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Taita	48	100	48	922(0)	1450	243	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	
Tana Delta	16	100	16	563(0)	227	36	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	
Tana River	21	90	19	506(1)	250	168	0(0)	17(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	
Taveta	13	100	13	565(0)	695	126	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	
Eastern	Chalbi	11	72	8	88(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	25	100	25	4211(0)	3313	1552	0(0)	10(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	92	13	442(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)

Division of Disease Surveillance & Response

Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
Nairobi	Igembe	52	78	41	3499(2)	1542	955	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	100	55	2880(0)	3576	1349	0(0)	121(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	65	98	64	3882(0)	3456	1909	0(0)	171(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	25	68	17	478(0)	341	34	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	35	10	333(0)	111	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	29	100	29	1532(3)	647	188	0(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	80	95	76	3335(3)	1047	494	0(0)	31(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	27	85	23	718(0)	91	27	0(0)	7(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	75	9	117(0)	30	22	0(0)	8(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	29	100	29	2249(0)	1374	652	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	31	100	31	1088(0)	880	383	0(0)	57(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	43	93	40	1901(0)	541	92	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	12	100	12	275(0)	258	33	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere	28	100	28	2236(0)	75	3	0(0)	61(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	95	23	1193(0)	522	90	0(0)	34(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	72	16	746(0)	2231	734	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	25	100	25	7989(0)	1584	876	0(0)	47(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	21	90	19	236(0)	103	6	0(0)	26(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	20	100	20	660(0)	95	23	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	84	27	1151(0)	450	123	0(0)	106(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	46	21	567(0)	0	0	0(0)	0(0)	3(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzaui	36	80	29	932(0)	260	113	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	20	70	14	703(0)	671	374	0(0)	85(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	57	16	1309(0)	243	124	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	47	97	46	1999(0)	620	208	0(0)	75(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																		
	Embakasi	57	80	46	3764(0)	2097	330	0(0)	46(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	81	70	57	1208(0)	341	171	0(0)	404(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Westlands	71	80	57	694(0)	663	146	0(0)	125(0)	79(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	12	66	8	37(0)	110	25	0(0)	48(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	72	26	314(0)	401	70	0(0)	67(0)	33(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	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
North Eastern																		
	Fafi	11	72	8	43(0)	100	1	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	23	52	12	324(0)	466	112	0(0)	38(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	9	66	6	431(0)	175	24	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	76	10	179(0)	62	4	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	10	100	10	290(0)	61	4	0(0)	1(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	75	6	109(0)	60	9	0(0)	5(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	75	6	203(0)	58	24	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	80	12	291(0)	117	63	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	165(0)	50	37	0(0)	6(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	12	75	9	167(0)	29	6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	66	8	316(0)	133	44	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																		
	Bondo	26	100	26	3231(0)	1388	409	0(0)	109(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	77	21	1411(0)	234	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	94	33	1830(0)	529	283	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	South Gucha	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Homa Bay	42	97	41	2310(0)	1557	491	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	44	79	35	2356(0)	1640	143	0(0)	180(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	11	861(0)	349	50	0(0)	3(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	96	52	4642(0)	1615	732	0(0)	23(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	95	21	2235(1)	847	503	0(0)	54(0)	12(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kuria West	24	87	21	897(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)
	Manga	17	94	16	211(0)	208	44	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	90	29	954(0)	310	18	0(0)	101(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	100	52	2015(0)	755	333	0(0)	10(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	89	43	1344(0)	548	49	0(0)	12(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	29	14	1156(0)	394	196	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	35	20	2122(0)	766	416	0(0)	86(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarieda	22	77	17	1973(1)	1120	417	0(0)	34(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Rongo	40	100	40	2244(0)	977	305	0(0)	82(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	72	88	64	6657(0)	2526	1288	0(0)	207(0)	51(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Suba	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyatike	24	62	15	496(0)	0	0	0(0)	27(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	NDHIWA	22	72	16	746(0)	2231	734	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																		
	Baringo	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Baringo North	37	78	29	749(0)	63	25	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	42	95	40	1455(0)	202	8	0(0)	35(0)	1(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	32	68	22	1483(0)	600	134	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	17	41	7	272(0)	0	0	0(0)	22(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	37	100	37	1830(0)	829	199	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kajiado	63	50	32	1436(1)	464	64	0(0)	35(0)	10(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	45	82	37	1262(0)	245	63	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	30	93	28	1597(0)	542	41	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	81	31	739(0)	143	21	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	35	94	33	937(0)	384	93	0(0)	27(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	100	18	1207(0)	394	172	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	173(0)	36	0	0(0)	2(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	88	8	108(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	96	26	761(0)	0	0	0(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	23	73	17	429(0)	0	0	0(0)	7(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	61	73	45	289(0)	64	20	0(0)	23(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	91	31	355(2)	0	0	0(0)	10(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	36	86	31	1180(0)	0	0	0(0)	40(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru Central	45	97	44	430(0)	707	27	0(0)	114(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	35	88	31	929(0)	232	94	0(0)	57(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	80	21	1177(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	75	24	1007(2)	511	194	0(0)	31(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	75	18	1040(0)	282	84	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	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
Western	Nandi South	18	100	18	1571(0)	113	67	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	100	32	652(0)	336	105	0(0)	70(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	76	23	435(0)	173	36	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	90	18	763(0)	326	101	0(0)	59(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	53	8	404(0)	302	72	0(0)	18(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu Central	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Samburu East	13	69	9	187(0)	0	0	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	9	77	7	244(0)	0	0	0(0)	8(0)	16(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Tinderet	10	100	10	219(0)	158	25	0(0)	21(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	48	79	38	1476(0)	157	12	0(0)	35(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	91	21	951(0)	765	323	0(0)	88(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	1659(0)	599	272	0(0)	7(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	72	29	1767(0)	548	349	0(0)	27(0)	17(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	65	17	480(0)	667	86	0(0)	3(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	20	50	10	523(0)	124	65	0(0)	6(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	100	38	1492(0)	863	258	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	91	22	1427(1)	314	94	0(0)	78(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																		
	Bungoma East	13	100	13	2697(8)	8642	2224	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	100	21	1845(0)	1157	699	0(0)	103(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	22	100	22	4410(4)	2007	1049	0(0)	87(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	20	100	20	2254(0)	0	0	0(0)	75(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	100	7	362(0)	259	97	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	31	96	30	5462(0)	2410	1833	0(0)	246(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	18	3813(0)	843	418	0(0)	81(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	22	1807(0)	340	191	0(0)	68(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	12	100	12	1587(0)	639	296	0(0)	230(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	28	100	28	5505(0)	2286	873	0(0)	95(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East	14	100	14	1644(0)	1022	272	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North	19	100	19	2398(2)	1000	633	0(0)	102(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	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Kakamega South	11	100	11	1572(0)	552	248	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	95	23	3585(0)	895	221	0(0)	114(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	16	100	16	1378(0)	1060	564	0(0)	41(0)	74(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	26	2905(1)	1388	583	0(0)	43(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	10	100	10	901(0)	122	55	0(0)	16(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso North	21	100	21	4959(1)	617	366	0(0)	90(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	20	100	20	2937(0)	1326	514	0(0)	101(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	9	100	9	1185(0)	838	316	0(0)	43(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso South	22	100	22	1807(0)	340	191	0(0)	68(0)	1(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 21 summary	0 (0)	1,281 (0)	204,630 (33)	103,042	35,885	448 (0)	3 (0)	6,025 (0)	0 (0)	2 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	26,211 (1)	3,853,450 (565)	1,787,549	633,672	1,250 (4)	37 (2)	118,290 (3)	2 (0)	19 (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

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