



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

**WEEKLY EPIDEMIOLOGICAL BULLETIN**

**Week 28**

**Week ending 18<sup>th</sup> July 2010**

Provincial & national surveillance indicators for week 28

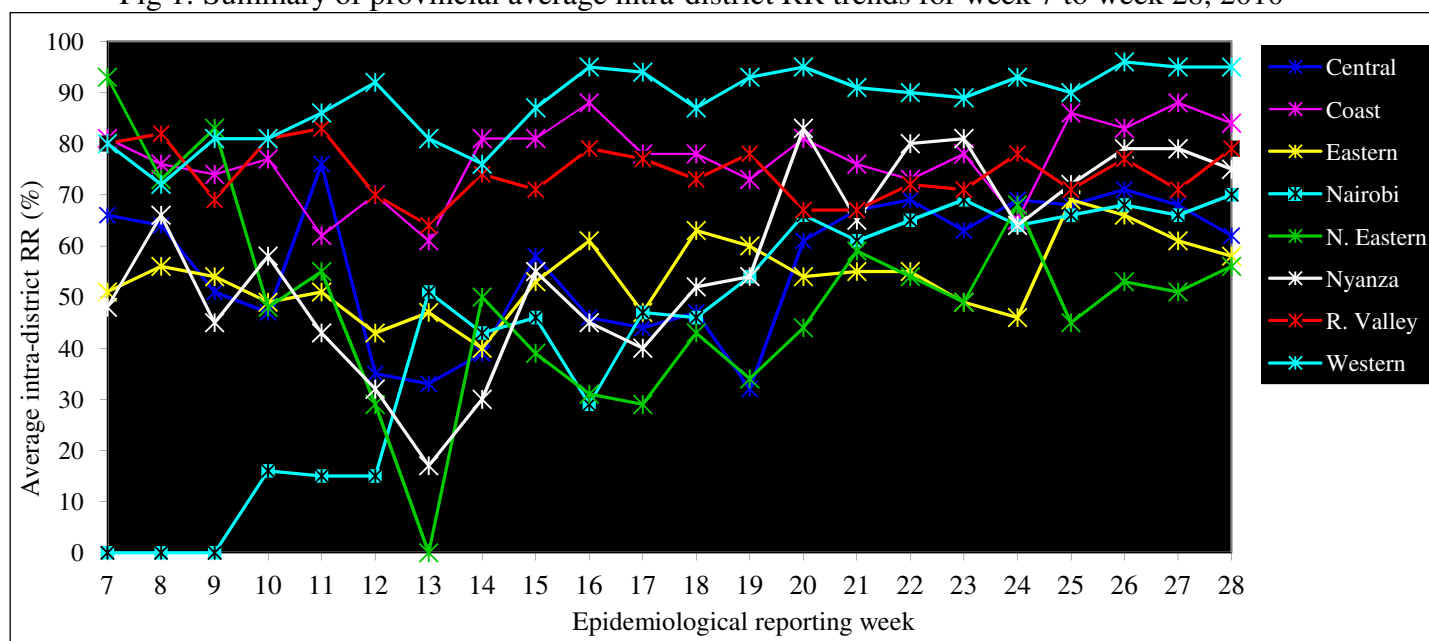
Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	10	10	62	91	100	83
Coast	13	13	13	84	100	100	95
Eastern	28	25	25	58	89	100	81
Nairobi	3	3	3	70	100	100	90
N. Eastern	11	11	11	56	100	100	85
Nyanza	21	19	19	75	90	100	87
R. Valley	43	43	43	79	100	100	93
Western	19	19	19	95	100	100	98
<b>National</b>	<b>149</b>	<b>143</b>	<b>143</b>	<b>72</b>	<b>96</b>	<b>100</b>	<b>89</b>

✦ The national average district reporting rate rose marginally to 96%

✦ The national weighted aggregate score remained at 89%

✦ Coast, Nairobi, N. Eastern, R. Valley and Western provinces had 100% district reporting rate

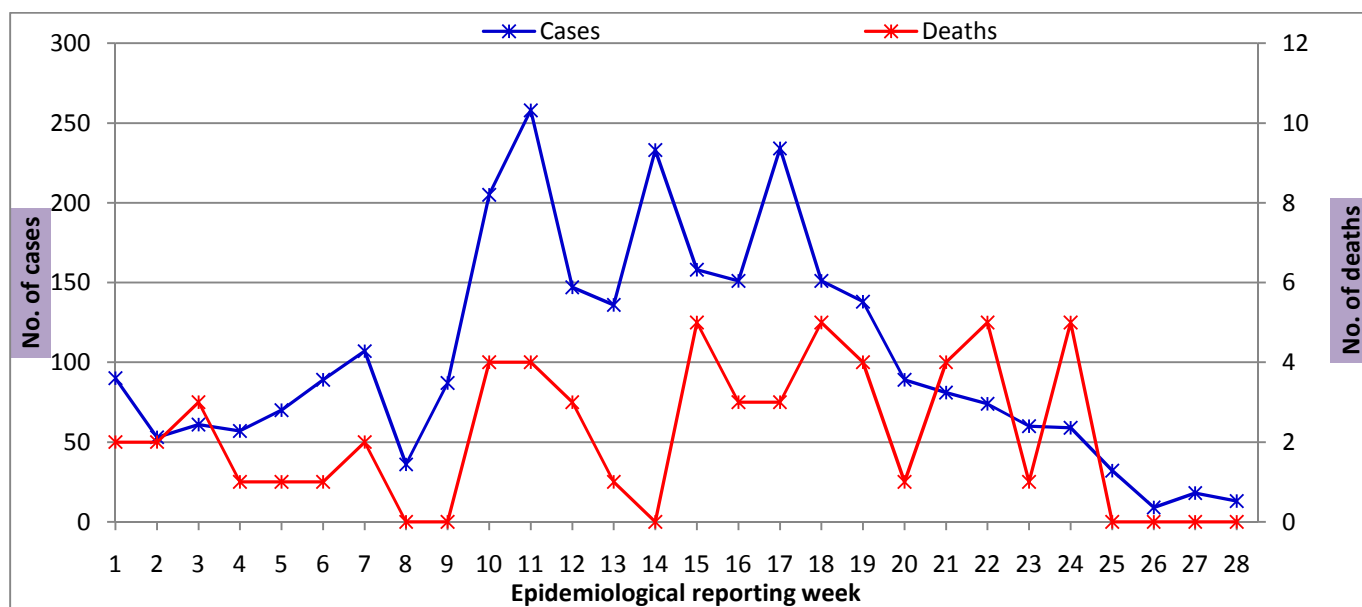
Fig 1: Summary of provincial average intra-district RR trends for week 7 to week 28, 2010



**Reports not received from the following 6 Districts**

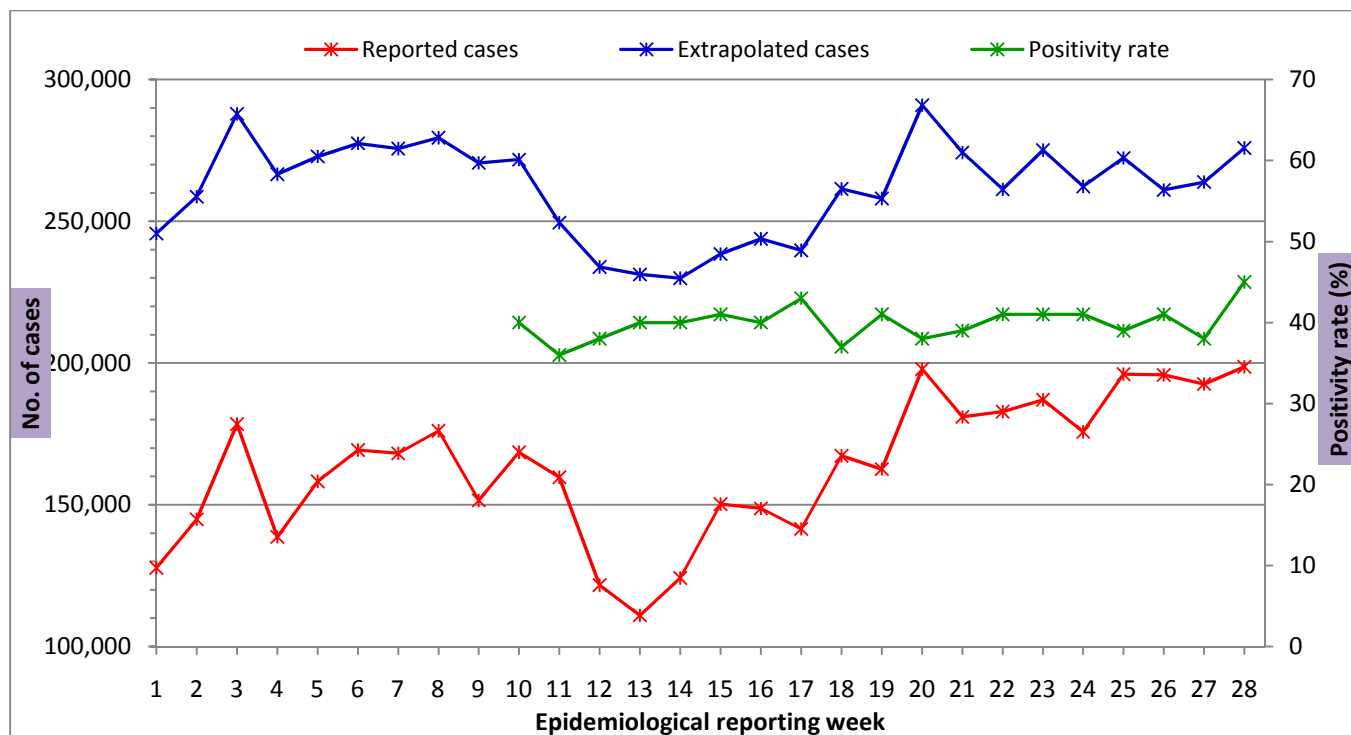
**Kiambu East, Imenti South, Marsabit, Mwingi, South Gucha and Suba**

Fig. 2: Cholera\*\* cases and deaths from week 1 to week 28



\*\* Derived from daily updates (line-lists and active DDSR inquiry). A national DDSR officer calls districts in cholera outbreak every morning to get updates. Therefore figures might not be same as those from routine weekly data reports

Fig. 3: Malaria cases (reported\* and extrapolated\*\*) and positivity rate, week 1 to week 28



\* 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

## Highlights for the week

<p>⊕ Nationally:</p> <ul style="list-style-type: none"> <li>The surveillance weighted aggregate score remained unchanged at 89% in week 28</li> <li>The number of districts that submitted reports on time rose from 142 (95%) in week 27 to 143 (96%)</li> <li>The intra-district average reporting rate however declined from 73% in week 27 to 72%</li> </ul> <p>⊕ Best performing provinces in week 28:</p> <ul style="list-style-type: none"> <li>Western (98%), Coast (95%) and Rift Valley (93%) provinces had the highest surveillance weighted aggregate score while Eastern (81%) province had the lowest score</li> <li>All districts in Coast, Nairobi, North Eastern, Rift Valley and Western provinces reported in week 28 while only 89% of the districts in Eastern province reported</li> <li>Western (95%) Province had the highest intra-district facility reporting rate while North Eastern (56%) and Eastern (58%) had the lowest rates</li> </ul> <p>⊕ Most improved provinces in week 28:</p> <ul style="list-style-type: none"> <li>Intra-district facility RR: Rift Valley (71% to 79%) and North Eastern (51% to 56%) provinces improved the most while Central (68% to 62%), Coast (88% to 84%) and Nyanza (79% to 75%) declined the most</li> <li>District reporting rate: North Eastern (91% to 100%) and Rift Valley (93% to 100%) provinces improved the most while Central (100% to 91%) and Nyanza (95% to 90%) provinces' reporting rate declined</li> </ul> <p>⊕ Stability: Western remains the most stable province while North Eastern and Eastern provinces are still fluctuating</p> <p>⊕ The following 30 (20%) districts (same as in week 27) attained 100% intra-district reporting rate: Kilindini, Taita, Taveta, Maara, Meru South, Gucha, Kisii South, Kisumu West, Manga, Masaba, Nyamira, Bomet, Eldoret East, Naivasha, Pokot Central, Sotik, Trans Nzoia East, Trans Nzoia West, Busia, Butere, East Bungoma, Emuhaya, Kakamega East, Kakamega North, Kakamega South, Lugari, Mt Elgon, Mumias, Samia, South Bungoma</p>	<p><b>Disease specific reports</b></p> <p><b>Cholera</b></p> <ul style="list-style-type: none"> <li>⊕ Three cases (down from 19 in week 27) were reported in week 28 with no death</li> <li>⊕ Two (67%) cases were reported from West Pokot District while one case (33%) was reported from Imenti North district</li> </ul> <p><b>Measles</b></p> <ul style="list-style-type: none"> <li>⊕ 79 suspected cases (a rise from 75 in week 27) were reported with no death</li> <li>⊕ 60 (76%) cases were reported from Kitui district</li> <li>⊕ The rest of the cases were reported from Masaba (7), Mt. Elgon (4), Loitoktok (3), Narok North (2), Manga (1), Butere (1), and East Bungoma (1)</li> <li>⊕ The lab surveillance system investigated 36 case specimen from 15 districts <ul style="list-style-type: none"> <li>⊕ None of the specimen was classified positive for measles though 17 (47%) tested positive for rubella</li> </ul> </li> </ul> <p><b>Malaria</b></p> <ul style="list-style-type: none"> <li>⊕ Reported cases rose from 192,607 in week 27 to 198,629 in week 28</li> <li>⊕ Mortality however declined from 42 to 41</li> <li>⊕ Overall, 65,426 cases (33%) were laboratory tested, yielding a positivity rate of 45%</li> </ul> <p><b>Dysentery</b></p> <ul style="list-style-type: none"> <li>⊕ The number of reported cases rose from 1,094 in week 27 to 1,259 in week 28 with no deaths</li> </ul> <p><b>Typhoid fever</b></p> <ul style="list-style-type: none"> <li>⊕ Reported cases rose from 4,236 in week 27 to 4,835 in week 28 with no death</li> </ul> <p><b>AFP</b></p> <ul style="list-style-type: none"> <li>⊕ One case reported from Naivasha district tested negative for polio virus</li> </ul> <p><b>Meningococcal Meningitis</b></p> <ul style="list-style-type: none"> <li>⊕ One case (same as in week 27) was reported from Kisumu East district in week 28</li> <li>⊕ No death was reported</li> </ul> <p><b>NNT</b></p> <ul style="list-style-type: none"> <li>⊕ No case was reported</li> </ul>
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### Summary of Weekly Integrated Disease Surveillance and Response Report for week 28

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
Central																
	Gatundu	43	88	0(0)	0(0)	240(0)	0	0	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	34	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kiambu West	54	70	0(0)	0(0)	623(0)	483	88	0(0)	0(0)	92(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	87	67	0(0)	1(0)	1338(0)	1092	138	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a North	41	41	0(0)	0(0)	541(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a South	40	50	0(0)	0(0)	640(0)	156	20	0(0)	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	87	0(0)	2(0)	745(0)	0	0	0(0)	0(0)	180(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	22	82	0(0)	0(0)	193(0)	77	14	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	80	0(0)	0(0)	495(0)	291	55	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	52	40	0(0)	0(0)	216(0)	31	19	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	61	0(0)	0(0)	1549(0)	884	84	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																
	Kaloleni	18	72	0(0)	35(0)	1196(0)	292	63	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	36	92	0(0)	50(0)	2710(0)	503	194	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	100	0(0)	16(0)	2455(0)	1919	852	0(0)	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	18	89	0(0)	16(0)	2213(0)	382	76	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	20	65	0(0)	2(0)	656(0)	213	12	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	67	0(0)	0(0)	1172(0)	430	54	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	35	86	0(0)	39(0)	1989(0)	1207	129	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	30	97	0(0)	0(0)	1140(0)	785	90	0(0)	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	52	0(0)	1(0)	315(0)	83	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	44	100	0(0)	7(0)	947(0)	1063	149	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	88	0(0)	19(0)	813(0)	109	13	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	62	0(0)	2(0)	361(0)	203	59	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	12	100	0(0)	2(0)	623(0)	359	111	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	11	55	0(0)	0(0)	41(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu	60	67	0(0)	0(0)	3844(0)	2399	1210	0(0)	0(0)	116(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	12	58	0(0)	0(0)	234(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe	43	51	0(0)	0(0)	1684(1)	1071	338	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	82	1(0)	1(0)	2056(0)	1586	822	0(0)	0(0)	110(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	50	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Isiolo	24	17	0(0)	0(0)	259(0)	166	52	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	75	0(0)	0(0)	1062(0)	93	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	27	85	0(0)	0(0)	1422(0)	562	221	0(0)	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	77	79	0(0)	10(0)	4189(1)	1367	852	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	22	77	0(0)	0(0)	964(0)	76	46	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	19	21	0(0)	1(0)	107(0)	37	6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	25	100	0(0)	0(0)	1947(0)	1230	781	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	31	26	0(0)	1(0)	605(0)	295	110	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	33	67	0(0)	0(0)	1373(2)	542	58	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	10	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mbeere	28	82	0(0)	11(0)	2140(0)	785	370	0(0)	0(0)	53(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	20	70	0(0)	0(0)	856(0)	181	89	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	21	71	0(0)	3(0)	579(0)	430	231	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	20	100	0(0)	0(0)	1503(0)	1124	668	0(0)	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	15	60	0(0)	7(0)	332(0)	53	3	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	17	82	0(0)	0(0)	745(0)	128	18	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	30	80	0(0)	0(0)	860(0)	161	32	0(0)	0(0)	37(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
	Nzaui	43	30	0(0)	0(0)	1172(0)	246	61	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	20	50	0(0)	0(0)	852(0)	630	365	0(0)	0(0)	71(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	57	0(0)	0(0)	2349(0)	0	0	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	43	72	0(0)	8(0)	1863(0)	350	164	0(0)	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																
	Nairobi East	51	53	0(0)	0(0)	47(0)	21	1	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi North	81	91	0(0)	36(0)	820(0)	0	0	0(0)	0(0)	362(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi West	71	58	0(0)	85(0)	600(0)	488	184	0(0)	0(0)	86(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	4	50	0(0)	0(0)	119(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	23	43	0(0)	0(0)	809(0)	772	329	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	9	56	0(0)	3(0)	186(0)	0	0	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	85	0(0)	4(0)	431(0)	128	9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	9	56	0(0)	0(0)	426(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	50	0(0)	0(0)	250(0)	0	0	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	75	0(0)	7(0)	596(0)	0	0	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	7	57	0(0)	0(0)	140(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	9	56	0(0)	0(0)	247(0)	0	0	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	8	50	0(0)	0(0)	100(0)	0	0	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	9	44	0(0)	7(0)	210(0)	0	0	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																
	Bondo	25	92	0(0)	126(0)	2794(1)	953	561	0(0)	0(0)	84(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	48	0(0)	0(0)	1341(0)	1199	1088	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	2142(0)	691	124	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	86	0(0)	2(0)	2623(15)	1841	433	0(0)	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	42	93	0(0)	11(0)	2571(0)	1018	37	0(0)	0(0)	108(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	0(0)	6(0)	734(0)	356	74	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	83	0(0)	7(0)	3979(0)	1597	587	0(0)	1(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	18	100	0(0)	42(0)	5900(2)	0	0	0(0)	0(0)	58(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	13	77	0(0)	0(0)	453(0)	0	0	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	83	0(0)	0(0)	1742(0)	146	30	0(0)	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	17	100	0(0)	0(0)	315(0)	84	28	1(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	100	0(0)	0(0)	1221(0)	440	50	7(0)	0(0)	65(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	42	62	0(0)	9(0)	1124(0)	215	67	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	45	100	0(0)	4(0)	1506(0)	617	53	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	42	86	0(0)	7(0)	2565(0)	496	352	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	34	82	0(0)	10(0)	2049(0)	0	0	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	18	94	0(0)	7(0)	2942(0)	772	375	0(0)	0(0)	75(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	26	65	0(0)	15(0)	1717(0)	544	201	0(0)	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	72	53	0(0)	0(0)	4462(0)	0	0	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	14	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Suba	40	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
Rift Valley																
	Baringo	50	60	0(0)	0(0)	622(0)	0	0	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	33	67	0(0)	0(0)	857(0)	0	0	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	38	100	0(0)	0(0)	2038(0)	297	57	0(0)	0(0)	76(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bureti	32	91	0(0)	0(0)	1338(1)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	9	33	0(0)	0(0)	733(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	35	100	0(0)	0(0)	5910(0)	914	310	0(0)	0(0)	91(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	8	0(0)	3(0)	1984(0)	1073	266	0(0)	0(0)	111(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	35	54	0(0)	28(0)	971(0)	126	65	0(0)	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	36	83	0(0)	8(0)	1006(0)	229	50	0(0)	0(0)	66(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	30	93	0(0)	0(0)	898(0)	184	15	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	95	0(0)	0(0)	895(0)	0	0	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	31	94	0(0)	0(0)	864(0)	317	87	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	17	88	0(0)	0(0)	1238(0)	458	195	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	86	0(0)	0(0)	318(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	89	0(0)	128(0)	126(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	25	92	0(0)	0(0)	949(0)	0	0	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitoktok	23	61	0(0)	40(0)	411(0)	0	0	3(0)	0(0)	66(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	45	98	0(0)	42(0)	496(0)	222	150	0(0)	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	53	0(0)	0(0)	447(0)	0	0	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	35	100	0(0)	8(0)	1936(0)	19	3	0(0)	0(0)	156(0)	0(0)	1(0)	0(0)	0(0)	0(0)
	Nakuru	45	96	0(0)	0(0)	580(3)	852	56	0(0)	0(0)	75(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	29	59	0(0)	0(0)	558(0)	137	60	0(0)	0(0)	94(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	22	50	0(0)	0(0)	846(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)	19(0)	1027(2)	321	59	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	20	95	0(0)	0(0)	1123(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	18	72	0(0)	0(0)	1150(0)	122	28	0(0)	0(0)	6(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	29	66	0(0)	2(0)	687(0)	304	91	2(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	73	0(0)	37(0)	401(0)	167	14	0(0)	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	12	75	0(0)	9(0)	1286(0)	569	263	0(0)	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	18	100	0(0)	0(0)	1100(0)	243	92	0(0)	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	16	56	0(0)	7(0)	356(0)	0	0	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	15	67	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	9	33	0(0)	3(0)	165(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	29	100	0(0)	1(0)	1754(0)	497	29	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	80	0(0)	4(0)	194(0)	148	22	0(0)	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	20	100	0(0)	0(0)	1051(0)	856	322	0(0)	0(0)	139(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	22	100	0(0)	14(0)	1751(1)	764	241	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	39	82	0(0)	27(0)	1082(0)	404	18	0(0)	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	31	58	0(0)	14(0)	2232(1)	501	319	0(0)	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	21	90	0(0)	30(0)	835(2)	1105	384	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	20	75	0(0)	8(0)	994(0)	98	70	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	97	0(0)	0(0)	1386(0)	564	194	0(0)	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	26	88	2(0)	3(0)	1917(2)	614	136	0(0)	0(0)	164(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	86	0(0)	0(0)	1193(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	27	100	0(0)	35(0)	5172(0)	1966	1300	0(0)	0(0)	180(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	16	100	0(0)	29(0)	4619(0)	1250	858	1(0)	0(0)	81(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	100	0(0)	0(0)	2410(5)	1240	445	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	1(0)	2332(0)	412	242	0(0)	0(0)	97(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	92	0(0)	4(0)	1221(0)	453	252	0(0)	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	29	93	0(0)	0(0)	3668(0)	1164	620	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	12	100	0(0)	0(0)	1727(0)	881	239	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North (Malava)	18	100	0(0)	1(0)	1820(0)	637	348	0(0)	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	10	100	0(0)	0(0)	1512(0)	304	84	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	100	0(0)	7(0)	2766(0)	265	82	0(0)	0(0)	68(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt Elgon	16	100	0(0)	5(0)	1367(0)	574	318	4()	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	0(0)	3(0)	2666(0)	899	380	0(0)	0(0)	45(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	18	72	0(0)	0(0)	2381(0)	2077	940	0(0)	0(0)	52(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	9	100	0(0)	0(0)	578(0)	87	32	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	32(0)	3819(0)	1420	764	0(0)	0(0)	125(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	21	86	0(0)	14(0)	3421(2)	653	284	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	21	86	0(0)	0(0)	3568(0)	1168	403	0(0)	0(0)	111(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	85	0(0)	71(0)	2508(0)	1419	818	0(0)	0(0)	75(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	3 (0)	1,259 (0)	198,629 (41)	65,426	29,613	79 (0)	1 (0)	4,835 (0)	0 (0)	1 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1,782 (27)	34,688 (16)	4,575,978 (1,087)	993,195	397,120	429 (0)	86 (15)	104,578 (9)	2 (1)	23 (0)	0 (0)	0 (0)	0 (0)

\* From week 10 of 2010 (Excludes week 1 up to week 9)

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