



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

**WEEKLY EPIDEMIOLOGICAL BULLETIN**

**Week 50**

**Week ending 19<sup>th</sup> December 2010**

Provincial & national surveillance indicators for week 50

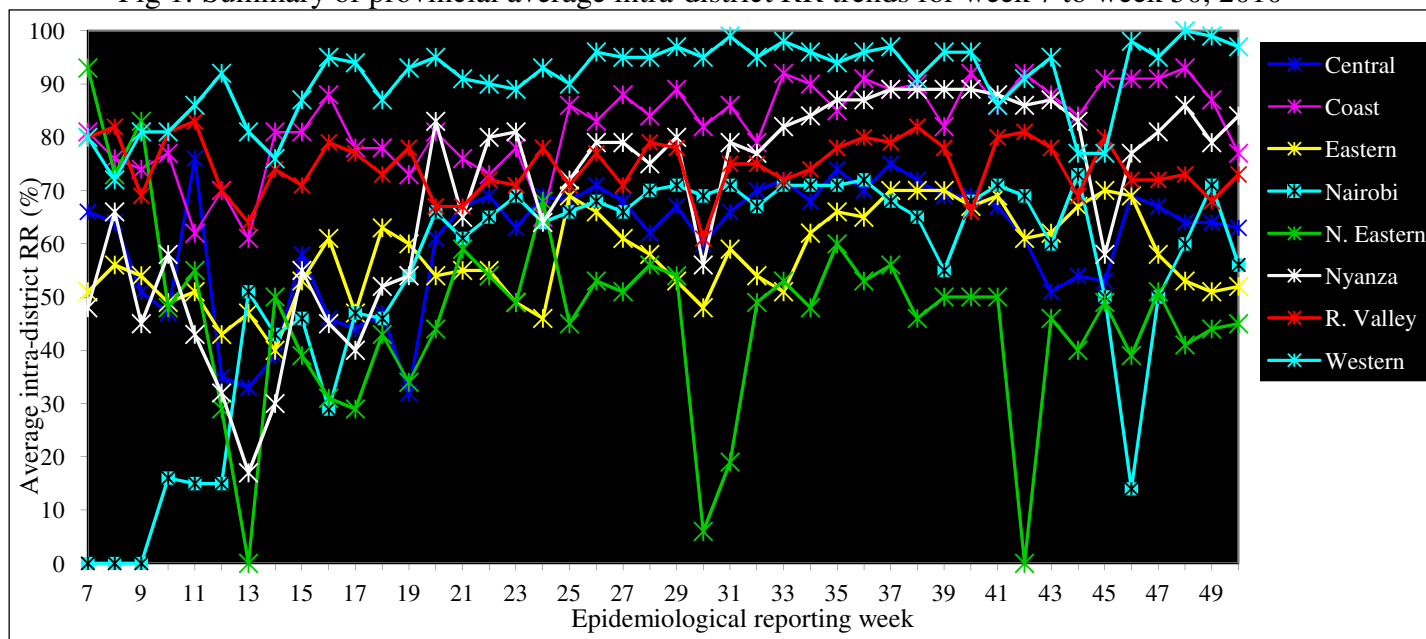
Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	10	10	63	91	100	83
Coast	13	12	12	77	92	100	88
Eastern	28	20	20	52	71	100	70
Nairobi	3	2	2	56	67	100	69
N. Eastern	11	10	10	45	91	100	77
Nyanza	21	21	21	84	100	100	95
R. Valley	43	41	41	73	95	100	89
Western	19	19	19	97	100	100	99
<b>National</b>	<b>149</b>	<b>135</b>	<b>135</b>	<b>70</b>	<b>91</b>	<b>100</b>	<b>85</b>

✦ Nyanza and Western provinces had 100% district reporting rate

✦ Western province had the highest health facility reporting rate

✦ The national weighted aggregate score marginally improved to 85%

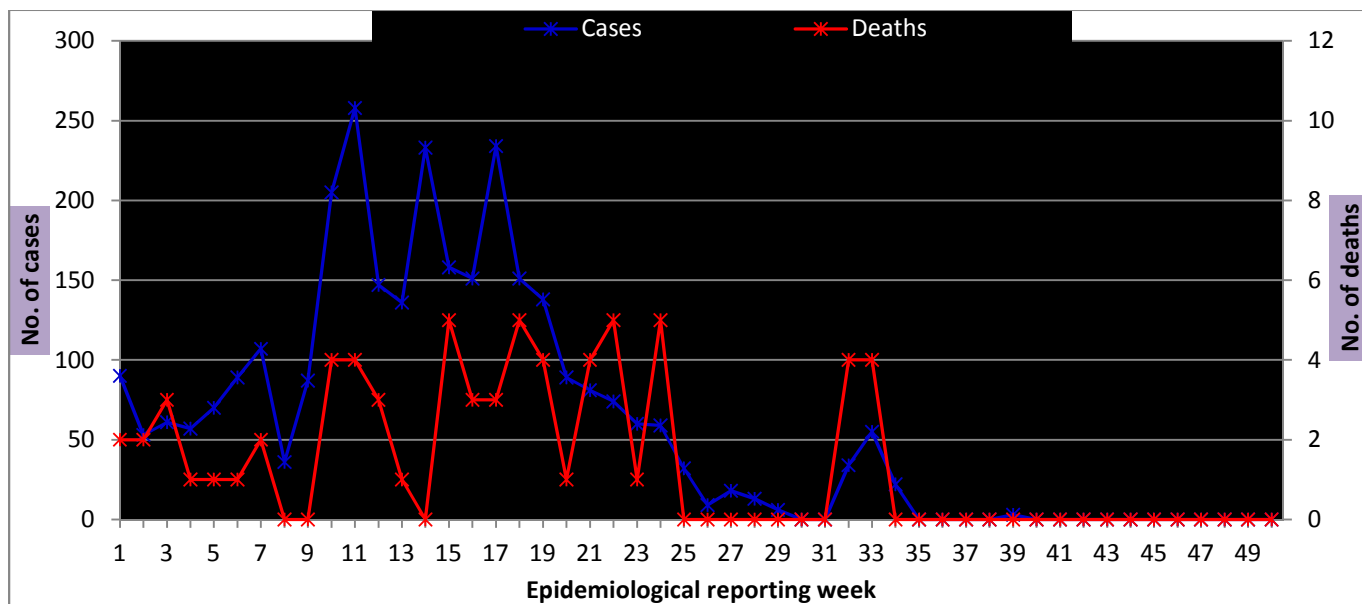
Fig 1: Summary of provincial average intra-district RR trends for week 7 to week 50, 2010



**Reports not received from the following 14 Districts**

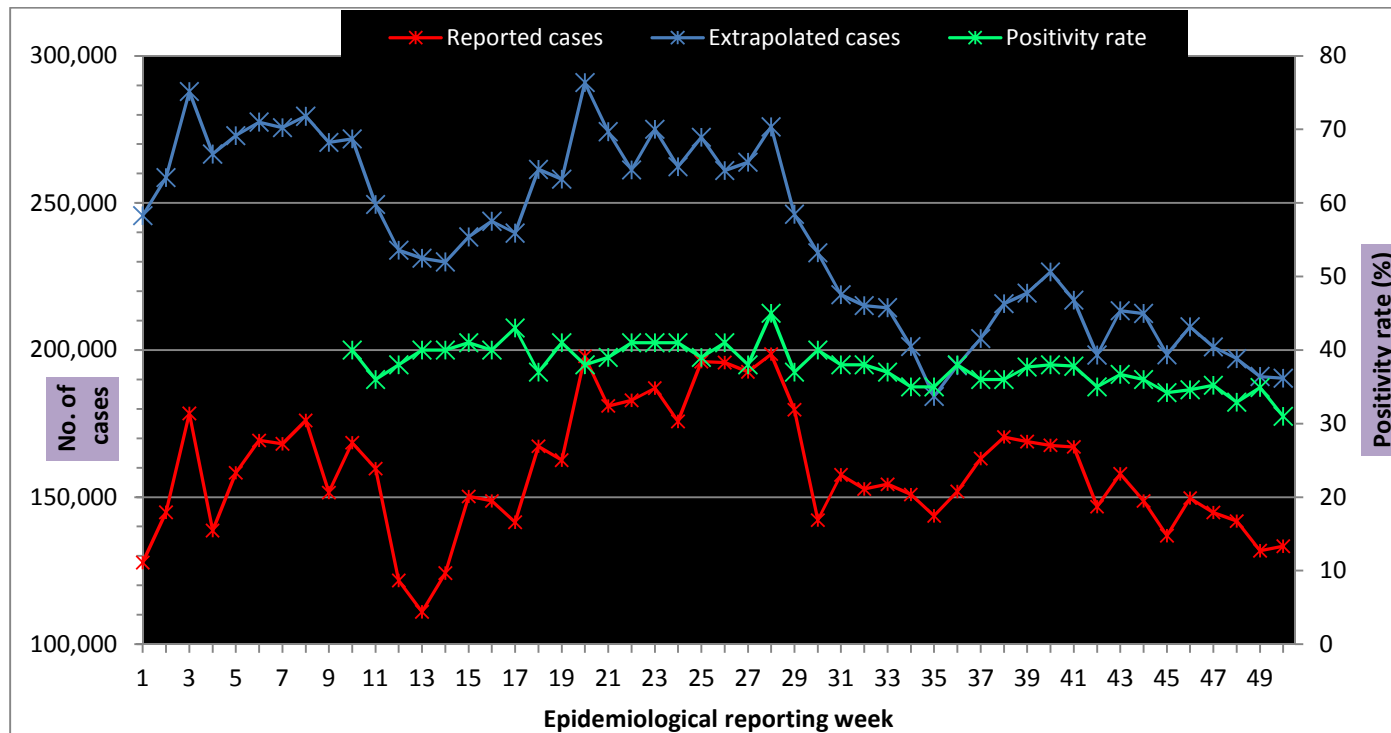
**Gatundu, Mombasa, Garbatula, Igembe, Imenti South, Kangundo, Kibwezi, Laisamis, Moyale, Mwingi, Nairobi East, Wajir South, Kericho, Molo**

Fig. 2: Cholera\*\* cases and deaths from week 1 to week 50



\*\* 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 50



\* 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

	Disease specific reports
<ul style="list-style-type: none"> <li>Nationally: <ul style="list-style-type: none"> <li>The surveillance weighted aggregate score improved from 84% in week 49 to 85%</li> <li>The number of districts that submitted reports on time also rose from 132 (89%) to 135 (91%)</li> <li>The intra-district average reporting rate improved from 69% in week 49 to 70%</li> </ul> </li> </ul>	<b><i>Cholera</i></b> <ul style="list-style-type: none"> <li>Zero cholera cases were reported in the week</li> </ul>
<ul style="list-style-type: none"> <li>Best performing provinces in week 50: <ul style="list-style-type: none"> <li>All districts in Nyanza and Western provinces reported during the week</li> <li>Intra-district facility reporting rate: Western (97%) and Nyanza (84%) provinces had the highest rate while North Eastern (45%) and Eastern (52%) reported the lowest rate</li> </ul> </li> </ul>	<b><i>Measles</i></b> <ul style="list-style-type: none"> <li>Nine suspected cases (a rise from 5 in week 49) were reported with no death</li> </ul>
<ul style="list-style-type: none"> <li>Most improved provinces in week 50: <ul style="list-style-type: none"> <li>Intra-district facility RR: Only Nyanza (79% to 84%) and Rift Valley (68% to 73%) provinces improved the most while Nairobi (71% to 56%) and Coast (87% to 77%) provinces declined the most</li> <li>District reporting rate: Only Nyanza (90% to 100%) and Rift Valley (88% to 95%) provinces improved while Nairobi (100% to 67%) and Coast (100% to 92%) provinces had a decline in performance</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>The cases were reported from: Mt. Elgon (3), Rarieda (2), Kilindini (1), Mbeere (1), Eldoret West (1) and Narok North (1) districts</li> </ul>
<ul style="list-style-type: none"> <li>Stability: Only Western province is currently the most consistent province</li> </ul>	<ul style="list-style-type: none"> <li>The lab surveillance system investigated 9 case specimen from 7 districts</li> </ul>
<ul style="list-style-type: none"> <li>Thirty two (21%) districts [a rise from twenty nine (19%) in week 49] attained 100% intra-district reporting rate</li> </ul>	<ul style="list-style-type: none"> <li>None of the specimen tested positive for measles IgM</li> <li>Seven (78%) specimen tested positive for rubella</li> </ul>
	<b><i>Malaria</i></b> <ul style="list-style-type: none"> <li>Reported cases rose from 131,794 in week 49 to 133,309</li> <li>Mortality however declined from 23 cases to 16 cases</li> <li>Overall, 60,017 (45%) cases were laboratory tested, yielding a positivity rate of 31%</li> </ul>
	<b><i>Dysentery</i></b> <ul style="list-style-type: none"> <li>Reported cases declined further from 939 in week 49 to 700 with no death</li> </ul>
	<b><i>Typhoid fever</i></b> <ul style="list-style-type: none"> <li>Reported cases rose marginally 3,452 in week 49 to 3,468</li> <li>Three deaths were reported from Kakamega North (2) and Masaba (1) districts</li> </ul>
	<b><i>AFP</i></b> <ul style="list-style-type: none"> <li>Two cases were reported in the week with no death</li> <li>The cases were reported from Rarieda (1) and Turkana South (1) districts</li> <li>None of the cases tested positive for polio virus</li> </ul>
	<b><i>Meningococcal Meningitis</i></b> <ul style="list-style-type: none"> <li>Zero cases were reported in the week</li> </ul>
	<b><i>NNT</i></b> <ul style="list-style-type: none"> <li>Zero cases were reported in the week</li> </ul>
	<b>Influenza (Walter Reed Influenza Surveillance)</b> <ul style="list-style-type: none"> <li>55 specimen were processed by the National Influenza Centre</li> <li>Four (7.3%) tested positive for Pandemic influenza A (H1N1)</li> <li>Three (5.5%) tested positive for influenza B</li> <li>One (1.8%) tested positive for influenza A (H3)</li> <li>None tested positive for influenza A (H1), influenza A (H5)</li> </ul>

For comments please contact:

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### Summary of Weekly Integrated Disease Surveillance and Response Report for week 50

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
Central																
	Gatundu	43	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kiambu East	34	91	0(0)	0(0)	827(0)	1175	241	0(0)	0(0)	163(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	67	0(0)	0(0)	329(0)	361	50	0(0)	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	87	52	0(0)	0(0)	1292(0)	1068	9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga North	41	44	0(0)	0(0)	234(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga South	40	65	0(0)	0(0)	411(0)	730	27	0(0)	0(0)	53(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	87	0(0)	0(0)	381(0)	491	65	0(0)	0(0)	106(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	22	82	0(0)	0(0)	186(0)	123	19	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	90	0(0)	0(0)	7(0)	174	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	52	46	0(0)	0(0)	135(0)	88	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	75	0(0)	0(0)	1323(0)	666	25	0(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																
	Kaloleni	16	94	0(0)	32(0)	968(0)	3982	101	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	39	59	0(0)	0(0)	1261(0)	842	264	0(0)	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	95	0(0)	3(0)	1426(0)	1600	822	1(0)	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	21	81	0(0)	41(0)	1562(0)	552	110	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	20	90	0(0)	0(0)	864(0)	527	83	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	97	0(0)	0(0)	849(0)	380	28	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	85	0(0)	17(0)	925(0)	533	81	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	30	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Msambweni	21	67	0(0)	2(0)	298(0)	143	35	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	46	89	0(0)	0(0)	410(0)	919	143	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	94	0(0)	8(0)	624(0)	112	23	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	57	0(0)	3(0)	388(0)	189	64	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	0(0)	0(0)	359(0)	466	77	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	12	33	0(0)	0(0)	81(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu	70	57	0(0)	0(0)	1885(0)	1609	681	0(0)	0(0)	78(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	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Igembe	43	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Imenti North	55	82	0(0)	0(0)	2028(3)	2028	937	0(0)	0(0)	116(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	66	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Isiolo	24	46	0(0)	0(0)	467(0)	403	142	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kibwezi	29	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kitui	77	82	0(0)	14(0)	2328(0)	767	462	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	27	56	0(0)	0(0)	491(0)	102	55	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Maara	25	100	0(0)	0(0)	1256(0)	788	444	0(0)	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	31	81	0(0)	0(0)	872(0)	763	311	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	38	68	0(0)	0(0)	980(1)	486	75	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	10	50	0(0)	0(0)	167(0)	167	8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere	28	89	0(0)	16(0)	1614(0)	619	201	1(0)	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	96	0(0)	0(0)	726(0)	295	65	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	59	0(0)	0(0)	316(0)	773	273	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	20	100	0(0)	0(0)	1218(0)	819	448	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	15	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mutomo	17	82	0(0)	0(0)	570(0)	65	19	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	78	0(0)	1(0)	708(0)	170	34	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nzau	35	63	0(0)	0(0)	686(0)	271	66	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	20	60	0(0)	0(0)	694(0)	185	85	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	57	0(0)	0(0)	1274(0)	208	50	0(0)	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	43	86	0(0)	3(0)	1556(0)	267	69	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																
	Nairobi East	57	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nairobi North	81	91	0(0)	18(0)	1065(0)	472	174	0(0)	0(0)	103(0)	0(0)	0(0)	0(0)	DNR	0(0)
	Nairobi West	71	61	0(0)	61(0)	578(0)	539	147	0(0)	0(0)	80(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)	85(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	23	57	0(0)	0(0)	523(0)	254	107	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	9	44	0(0)	0(0)	151(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	46	0(0)	6(0)	153(0)	52	17	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	9	44	0(0)	0(0)	175(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)	211(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	50	0(0)	0(0)	234(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	8	38	0(0)	0(0)	126(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)	180(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	8	38	0(0)	0(0)	99(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	9	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
Nyanza																
	Bondo	26	96	0(0)	26(0)	1531(0)	887	485	0(0)	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	93	0(0)	0(0)	1066(0)	449	37	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	1739(0)	590	120	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	93	0(0)	0(0)	1361(1)	1323	377	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	44	86	0(0)	7(0)	1730(0)	931	42	0(0)	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	0(0)	28(0)	682(0)	450	65	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	87	0(0)	0(0)	4024(0)	1739	643	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	95	0(0)	9(0)	1932(2)	1155	315	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	13	69	0(0)	0(0)	362(0)	58	15	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	92	0(0)	2(0)	620(0)	59	12	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	16	100	0(0)	0(0)	147(0)	130	39	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	94	0(0)	0(0)	962(0)	468	46	0(0)	0(0)	102(1)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	96	0(0)	16(0)	2239(0)	662	274	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	98	0(0)	3(0)	1142(0)	349	18	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	26	0(0)	15(0)	1407(0)	409	242	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	71	0(0)	0(0)	2656(0)	653	252	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	22	95	0(0)	2(0)	1457(0)	568	250	2(0)	0(0)	59(0)	0(0)	1(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
	Nandi South	18	89	0(0)	0(0)	893(0)	57	18	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	29	100	0(0)	0(0)	571(0)	187	39	1(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	63	0(0)	9(0)	375(0)	113	25	0(0)	0(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	12	75	0(0)	18(0)	580(0)	359	130	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	18	100	0(0)	0(0)	706(0)	206	51	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	19	26	0(0)	0(0)	109(0)	0	0	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	15	33	0(0)	0(0)	164(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)	7(0)	66(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	30	100	0(0)	0(0)	997(0)	369	53	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	19	42	0(0)	0(0)	205(0)	100	12	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	20	100	0(0)	0(0)	783(0)	639	258	0(0)	0(0)	88(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	22	100	0(0)	12(0)	1459(0)	580	120	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	48	75	0(0)	0(0)	956(0)	253	5	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	33	39	0(0)	9(0)	521(1)	254	193	0(0)	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	21	76	0(0)	12(0)	375(0)	1201	104	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	18	33	0(0)	2(0)	251(0)	50	32	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)
	Wareng	38	100	0(0)	0(0)	838(0)	437	137	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	92	0(0)	0(0)	1224(0)	261	49	0(0)	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	100	0(0)	3(0)	371(0)	102	26	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	29	100	0(0)	0(0)	3928(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	0(0)	17(0)	1965(0)	477	253	0(0)	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	100	0(0)	0(0)	1545(4)	922	623	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	0(0)	1097(0)	195	103	0(0)	0(0)	61(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	85	0(0)	1(0)	549(0)	280	140	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	29	100	0(0)	0(0)	4011(0)	2575	1043	0(0)	0(0)	134(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	14	100	0(0)	0(0)	981(0)	593	112	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North (Malava)	18	100	0(0)	0(0)	1030(0)	545	365	0(0)	0(0)	36(2)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	11	100	0(0)	0(0)	969(0)	181	54	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	100	0(0)	4(0)	1808(0)	0	0	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
	Mt Elgon	16	94	0(0)	0(0)	952(0)	0	0	3(0)	0(0)	57(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	0(0)	21(0)	1720(0)	1022	384	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Bungoma	18	100	0(0)	0(0)	1572(0)	947	555	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	9	100	0(0)	14(0)	1031(0)	159	91	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	0(0)	2907(0)	980	374	0(0)	0(0)	59(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	21	100	0(0)	27(0)	3287(0)	0	0	0(0)	0(0)	58(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	21	57	0(0)	0(0)	2439(0)	961	490	0(0)	0(0)	142(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	100	0(0)	17(0)	1681(0)	1042	585	0(0)	0(0)	21(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 50 summary	0 (0)	700 (0)	133,309 (16)	60,017	18,610	9 (0)	0 (0)	3,468 (3)	0 (0)	2 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1,786 (27)	59,324 (25)	7,937,769 (1,619)	2,317,045	874,742	1,070 (0)	113 (17)	192,921 (19)	11 (3)	54 (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

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)

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