



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

## WEEKLY EPIDEMIOLOGICAL BULLETIN

**Week 40**

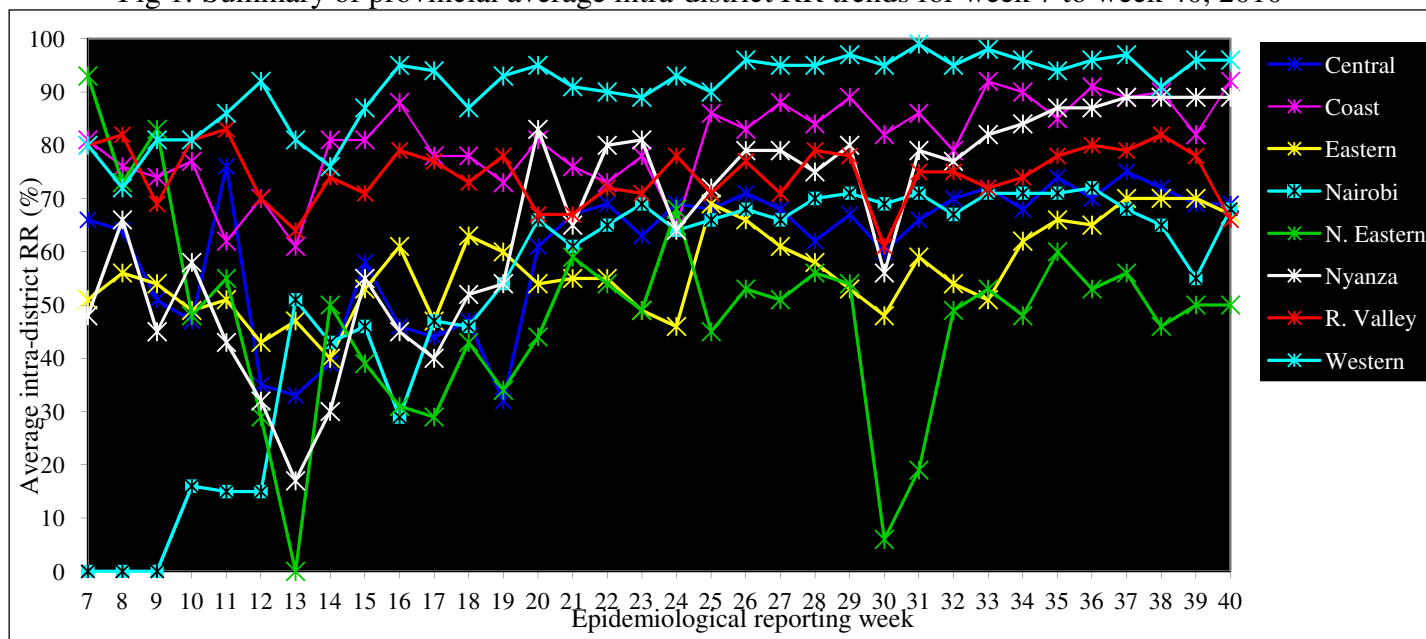
**Week ending 10<sup>th</sup> October 2010**

Provincial & national surveillance indicators for week 40

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	10	10	69	91	100	85
Coast	13	13	13	92	100	100	97
Eastern	28	25	25	67	89	100	84
Nairobi	3	3	3	68	100	100	89
N. Eastern	11	10	10	50	91	100	79
Nyanza	21	21	21	89	100	100	96
R. Valley	43	43	43	66	100	100	89
Western	19	19	19	96	100	100	99
<b>National</b>	<b>149</b>	<b>144</b>	<b>144</b>	<b>74</b>	<b>97</b>	<b>100</b>	<b>90</b>

- ✦ The national average district reporting rate remained at 97%
- ✦ The national weighted aggregate score declined to 90%
- ✦ All districts in Coast, Nairobi, Nyanza, Rift Valley and Western provinces reported in the week

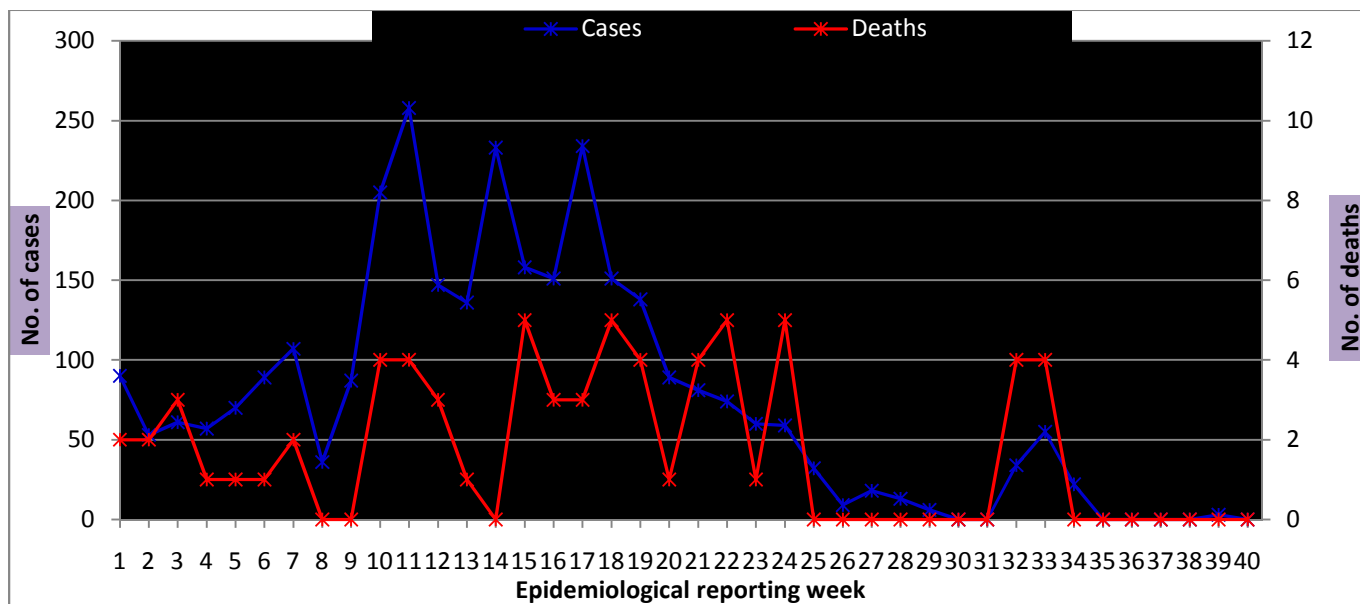
Fig 1: Summary of provincial average intra-district RR trends for week 7 to week 40, 2010



**Reports not received from the following 5 Districts**

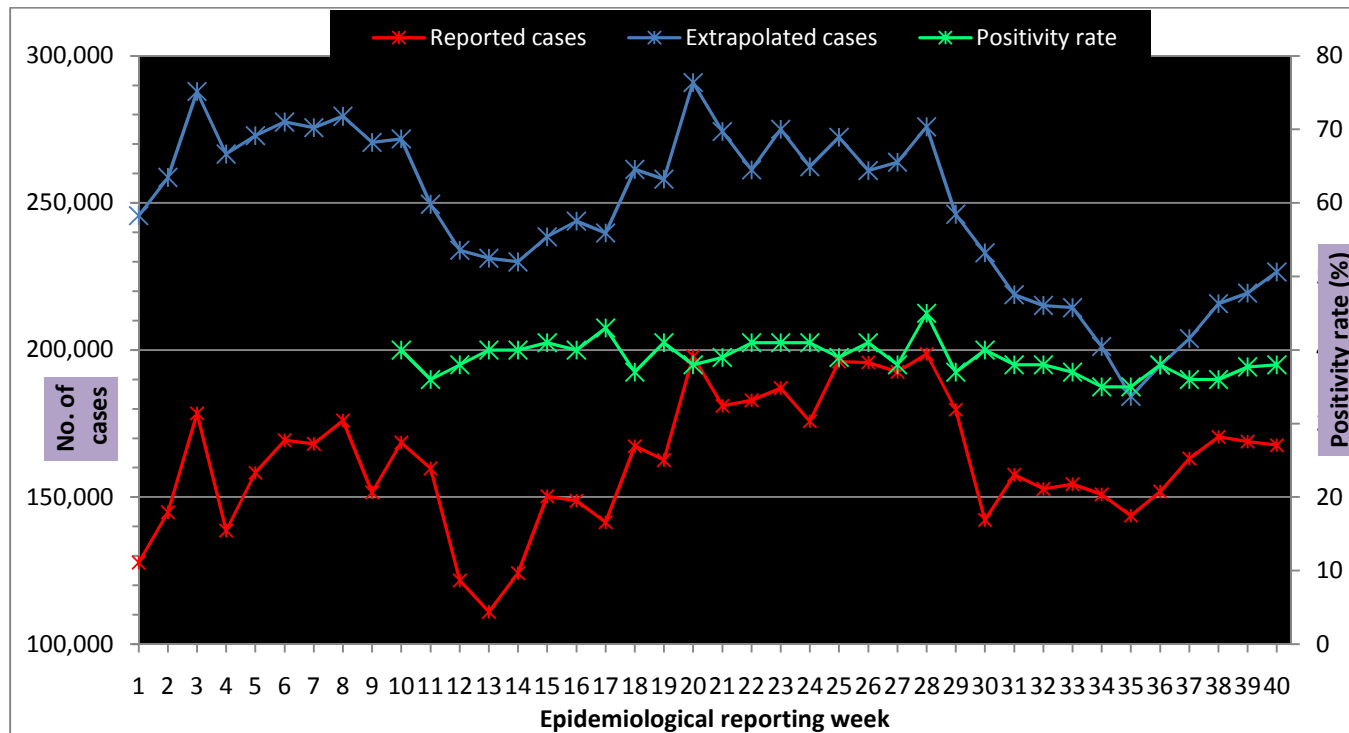
**Murang'a North, Chalbi, Isiolo, Mwingi, Garissa**

Fig. 2: Cholera\*\* cases and deaths from week 1 to week 40



\*\* 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 40



\* 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:</li> </ul>	<b><i>Cholera</i></b>
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>The surveillance weighted aggregate score declined to 90% in week 40</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Zero cholera cases were reported</li> </ul>
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>The number of districts that submitted reports on time remained at 144 (97%)</li> </ul> </li> </ul>	<b><i>Measles</i></b>
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>The intra-district average reporting rate declined further from 77% in week 39 to 74%</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Eighteen suspected cases (a fall from 19 cases in week 39) were reported with no death</li> </ul>
<ul style="list-style-type: none"> <li>Best performing provinces in week 40:</li> </ul>	<ul style="list-style-type: none"> <li>The cases were reported from Loitokitok (4), Nyandarua North (3), Kitui (3), Imenti North (2), Trans Nzoia east (2), Molo (1), Naivasha (1), Nakuru North (1) and Transmara (1) districts</li> </ul>
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>All districts in Coast, Nairobi, Nyanza, Rift Valley and Western provinces reported</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>The lab surveillance system investigated 25 case specimen from 17 districts</li> </ul>
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Intra-district facility reporting rate: Western (96%), Coast (92%) and Nyanza (89%) provinces had the highest rates while North Eastern (50%) had the lowest rates</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>None of the specimen was classified positive for measles</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Weighted Aggregate Score: Western (99%), Coast (97%) and Nyanza (96%) provinces had the highest score while North Eastern (79%) province had the lowest score</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Eight (32%) specimen tested positive for rubella though</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Most improved provinces in week 40:</li> </ul>	<b><i>Malaria</i></b>
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>Intra-district facility RR: Nairobi (55% to 68%) and Coast (82% to 92%) are the only provinces that improved in the week while Rift Valley (78% to 66%) and Eastern (70% to 67%) are the only provinces that reported a declined</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Reported cases declined from 168,882 in week 39 to 167,621 cases in week 40</li> </ul>
<ul style="list-style-type: none"> <li> <ul style="list-style-type: none"> <li>District reporting rate: Coast (92% to 100%), Nyanza (95% to 100%) and Rift Valley (98% to 100%) provinces improved while Eastern (100% to 89%) is the only province that declined</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Mortality however rose from 21 cases to 26 cases</li> </ul>
<ul style="list-style-type: none"> <li>Stability: North Eastern, and now Nairobi (from week 37) are the most fluctuating provinces</li> </ul>	<ul style="list-style-type: none"> <li>Overall, 67,602 (40%) cases were laboratory tested, yielding a positivity rate of 37.5%</li> </ul>
<ul style="list-style-type: none"> <li>The following 28 (19%) districts [down from 30 (20%) districts in week 39] attained 100% intra-district reporting rate: Kiambu East, Kilindini, Taita, Taveta, Maara, Mbooni, Meru South, Gucha, Kisii South, Kuria East, Rarienda, Eldoret East, Sotik, Trans Nzoia East, Trans Nzoia West, Wareng, West Pokot, Bunyala, Busia, Butere, Emuhaya, Kakamega East, Kakamega North, Lugari, Mt Elgon, North Bungoma, Samia, South Bungoma</li> </ul>	<b><i>Dysentery</i></b>
	<ul style="list-style-type: none"> <li>Reported cases declined from 1,362 in week 39 to 1,219 cases in week 40</li> </ul>
	<ul style="list-style-type: none"> <li>One death was reported from South Bungoma district</li> </ul>
	<b><i>Typhoid fever</i></b>
	<ul style="list-style-type: none"> <li>Reported cases rose from 4,543 in week 39 to 4,949</li> </ul>
	<ul style="list-style-type: none"> <li>Four deaths were reported from Kakamega North district</li> </ul>
	<b><i>AFP</i></b>
	<ul style="list-style-type: none"> <li>Zero cases were reported in the week</li> </ul>
	<b><i>Meningococcal Meningitis</i></b>
	<ul style="list-style-type: none"> <li>One case was reported from West Pokot district</li> </ul>
	<ul style="list-style-type: none"> <li>The case died</li> </ul>
	<b><i>NNT</i></b>
	<ul style="list-style-type: none"> <li>One case was reported from Teso district with no death</li> </ul>
	<b>Influenza (Walter Reed Influenza Surveillance)</b>
	<ul style="list-style-type: none"> <li>67 (99%) out of 68 submitted specimen were processed by the National Influenza Centre</li> </ul>
	<ul style="list-style-type: none"> <li>Four (6%) tested positive for influenza A (H3) while another four (6%) tested positive for influenza B.</li> </ul>
	<ul style="list-style-type: none"> <li>None tested positive for Influenza A (H1), A (H5) and Pandemic A (H1N1)</li> </ul>

For comments please contact:

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### Summary of Weekly Integrated Disease Surveillance and Response Report for week 40

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)	367(0)	0	0	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	34	100	0(0)	0(0)	1046(0)	1600	232	0(0)	0(0)	193(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	70	0(0)	0(0)	452(0)	595	149	0(0)	0(0)	97(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	87	67	0(0)	2(0)	721(0)	731	94	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a North	41	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Muranga South	40	53	0(0)	0(0)	528(0)	34	8	0(0)	0(0)	95(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	87	0(0)	0(0)	428(0)	299	6	3(0)	0(0)	97(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	22	91	0(0)	0(0)	134(0)	74	19	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	87	0(0)	0(0)	17(0)	544	22	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	52	44	0(0)	0(0)	141(0)	12	8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	78	0(0)	0(0)	1395(0)	986	49	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																
	Kaloleni	16	94	0(0)	25(0)	1108(0)	375	79	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	39	90	0(0)	40(0)	1840(0)	675	163	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	100	0(0)	18(0)	1378(0)	1484	512	0(0)	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	20	80	0(0)	20(0)	1571(0)	507	66	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	95	0(0)	0(0)	1353(0)	245	56	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	97	0(0)	0(0)	1219(0)	401	28	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	85	0(0)	68(0)	1200(0)	693	54	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	30	97	0(0)	0(0)	1132(0)	1112	117	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	95	0(0)	22(0)	641(0)	285	155	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	46	100	0(0)	2(0)	843(0)	1512	145	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	94	0(0)	12(0)	699(0)	137	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	62	0(0)	2(0)	312(0)	217	57	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	0(0)	7(0)	473(0)	628	125	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	12	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Embu	70	54	0(0)	0(0)	2482(0)	2102	1145	0(0)	0(0)	29(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	75	0(0)	0(0)	256(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe	46	54	0(0)	0(0)	1840(1)	1128	902	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	91	0(0)	0(0)	2441(6)	1620	849	2(0)	0(0)	174(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	66	64	0(0)	0(0)	3641(0)	3936	2521	0(0)	0(0)	114(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	24	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kangundo	28	86	0(0)	0(0)	766(0)	48	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	28	93	0(0)	3(0)	1224(0)	474	147	0(0)	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	77	94	0(0)	8(0)	3503(0)	1446	831	3(0)	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	27	56	0(0)	0(0)	574(0)	140	58	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	11	55	0(0)	3(0)	80(0)	0	0	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	25	100	0(0)	0(0)	1655(0)	1212	712	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	30	90	0(0)	0(0)	1289(0)	502	254	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	38	66	0(0)	0(0)	1148(1)	494	63	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	10	50	0(0)	0(0)	145(0)	85	10	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere	28	93	0(0)	6(0)	1689(1)	838	347	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	100	0(0)	0(0)	668(0)	280	49	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	68	0(0)	6(0)	721(0)	1314	458	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	20	100	0(0)	0(0)	2087(0)	1268	1005	0(0)	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	15	67	0(0)	8(0)	319(0)	38	2	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	17	82	0(0)	0(0)	650(0)	17	5	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	30	83	0(0)	10(0)	620(0)	326	73	0(0)	0(0)	70(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	43	30	0(0)	0(0)	591(0)	268	37	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	20	60	0(0)	0(0)	1069(0)	253	115	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	54	0(0)	4(0)	1306(0)	0	0	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	43	88	0(0)	0(0)	1511(0)	280	49	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																
	Nairobi East	57	56	0(0)	0(0)	156(0)	36	11	0(0)	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi North	81	85	0(0)	21(0)	1159(0)	0	0	0(0)	0(0)	125(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi West	71	58	0(0)	60(0)	547(0)	467	177	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)	92(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	18	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Ijara	4	44	0(0)	0(0)	185(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	77	0(0)	4(0)	290(0)	119	8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	8	88	0(0)	0(0)	380(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)	309(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	75	0(0)	0(0)	464(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	11	55	0(0)	0(0)	57(70)	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)	345(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	8	50	0(0)	0(0)	74(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	9	44	0(0)	0(0)	205(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																
	Bondo	26	96	0(0)	35(0)	1661(0)	737	384	0(0)	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	93	0(0)	0(0)	1147(0)	420	25	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	1632(0)	215	52	0(0)	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	74	0(0)	0(0)	1202(0)	722	276	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	44	89	0(0)	7(0)	2043(0)	1017	73	0(0)	0(0)	79(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	0(0)	27(0)	532(0)	301	67	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	55	87	0(0)	0(0)	4384(0)	1544	846	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	95	0(0)	29(0)	1165(1)	562	310	0(0)	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	13	100	0(0)	2(0)	484(0)	0	0	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	96	0(0)	1(0)	1227(0)	204	48	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	16	94	0(0)	0(0)	252(0)	222	31	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	91	0(0)	0(0)	863(0)	353	46	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	98	0(0)	53(0)	2300(0)	724	354	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	96	0(0)	2(0)	1014(3)	441	30	0(0)	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	40	95	0(0)	0(0)	2776(0)	1240	618	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	73	0(0)	7(0)	2307(0)	432	230	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	21	100	0(0)	3(0)	2206(0)	751	510	0(0)	0(0)	59(0)	0(0)	0(0)	0(0)	0(0)	0(0)

[illegible]

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)	1096(0)	51	17	0(0)	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	29	83	0(0)	0(0)	467(0)	284	75	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	60	0(0)	31(0)	328(0)	201	26	0(0)	0(0)	81(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	12	67	0(0)	5(0)	923(0)	569	219	0(0)	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	18	89	0(0)	0(0)	908(0)	199	73	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	18	56	0(0)	8(0)	555(0)	0	0	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	15	33	0(0)	19(0)	153(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)	4(0)	204(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	29	100	0(0)	0(0)	1469(0)	283	25	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	90	0(0)	0(0)	309(0)	150	18	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	20	100	0(0)	0(0)	969(0)	864	292	2(0)	0(0)	186(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	22	100	0(0)	13(0)	1698(0)	630	217	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	48	85	0(0)	2(0)	1333(0)	207	5	1(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	31	71	0(0)	19(0)	1825(2)	724	451	0(0)	0(0)	59(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	21	81	0(0)	11(0)	516(0)	1009	196	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	18	39	0(0)	3(0)	306(0)	38	33	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	100	0(0)	0(0)	1063(0)	639	235	0(0)	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	100	0(0)	6(0)	1473(2)	639	162	0(0)	1(1)	92(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	100	0(0)	0(0)	1145(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	28	100	0(0)	74(0)	4563(0)	0	0	0(0)	0(0)	156(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	0(0)	14(0)	2289(0)	676	392	0(0)	0(0)	70(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	69	0(0)	0(0)	900(2)	941	571	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	2(0)	1078(0)	195	136	0(0)	0(0)	74(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	85	0(0)	3(0)	730(0)	260	97	0(0)	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	29	97	0(0)	0(0)	3153(0)	1463	640	0(0)	0(0)	99(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	14	100	0(0)	0(0)	1005(0)	502	215	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)	1098(0)	521	348	0(0)	0(0)	34(4)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	11	91	0(0)	0(0)	870(0)	51	20	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	100	0(0)	1(0)	2149(0)	241	42	0(0)	0(0)	52(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	100	0(0)	11(0)	1075(0)	0	0	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	92	0(0)	14(0)	5572(0)	3183	1339	0(0)	0(0)	90(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Bungoma	18	100	0(0)	0(0)	2120(0)	938	555	0(0)	0(0)	123(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	9	100	0(0)	24(0)	787(0)	111	57	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	54(1)	3394(3)	992	283	0(0)	0(0)	151(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	21	95	0(0)	0(0)	4305(2)	822	82	0(0)	0(0)	91(0)	1(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	21	95	0(0)	0(0)	1920(0)	833	321	0(0)	0(0)	145(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	90	0(0)	48(0)	1822(0)	1116	794	0(0)	0(0)	206(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 40 summary	0 (0)	1,219 (1)	167,621 (26)	67,602	25,403	18 (0)	1 (1)	4,949 (4)	1 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1,786 (27)	48,254 (25)	6,479,026 (1,406)	1,711,850	663,737	760 (0)	99 (17)	152,963 (15)	5 (2)	36 (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