



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

## WEEKLY EPIDEMIOLOGICAL BULLETIN

**Week 10**

**Week ending 13<sup>th</sup> March 2011**

Provincial & national surveillance indicators for week 10

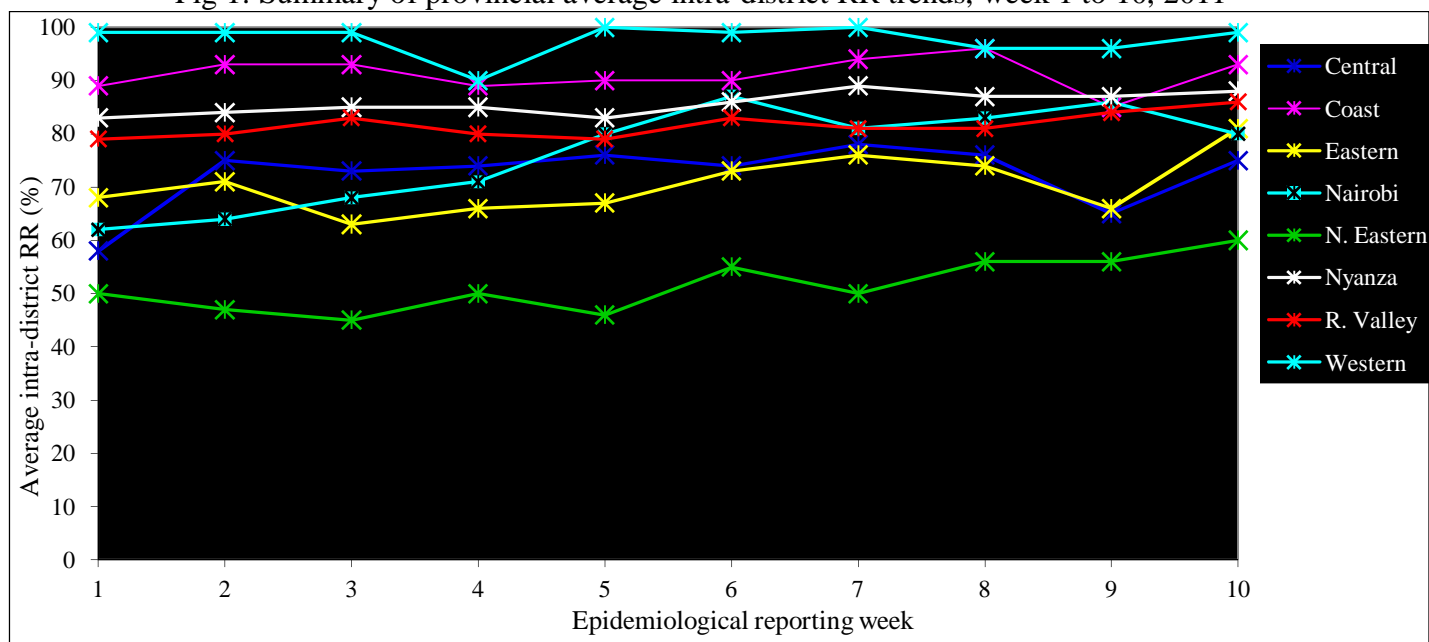
Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	11	11	75	100	100	92
Coast	13	13	13	93	100	100	98
Eastern	28	28	28	81	100	100	94
Nairobi	3	3	3	80	100	100	93
N. Eastern	11	11	11	60	100	100	87
Nyanza	21	21	21	88	100	100	96
R. Valley	43	43	43	86	100	100	95
Western	19	19	19	99	100	100	100
<b>National</b>	<b>149</b>	<b>143</b>	<b>143</b>	<b>84</b>	<b>100</b>	<b>100</b>	<b>95</b>

✦ Six new measles cases were confirmed in the week from Turkana N (3), Garissa (1), Nairobi East (1) and Nairobi North (1) districts

✦ Cumulative country confirmed measles cases are 56 from 12 districts

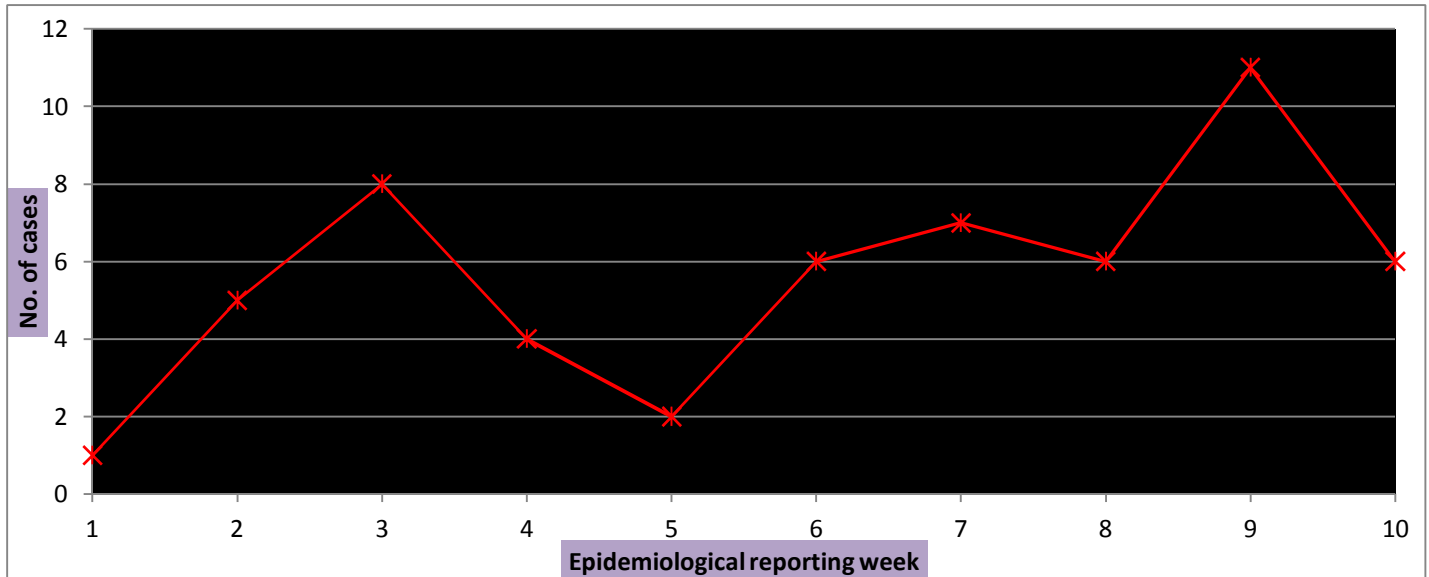
✦ Nairobi N (13), Turkana N (11), Mandera W (6), Wajir E (5), Fafi (5), Nairobi E (5) and Garissa (3) have reached epidemic threshold levels

Fig 1: Summary of provincial average intra-district RR trends, week 1 to 10, 2011



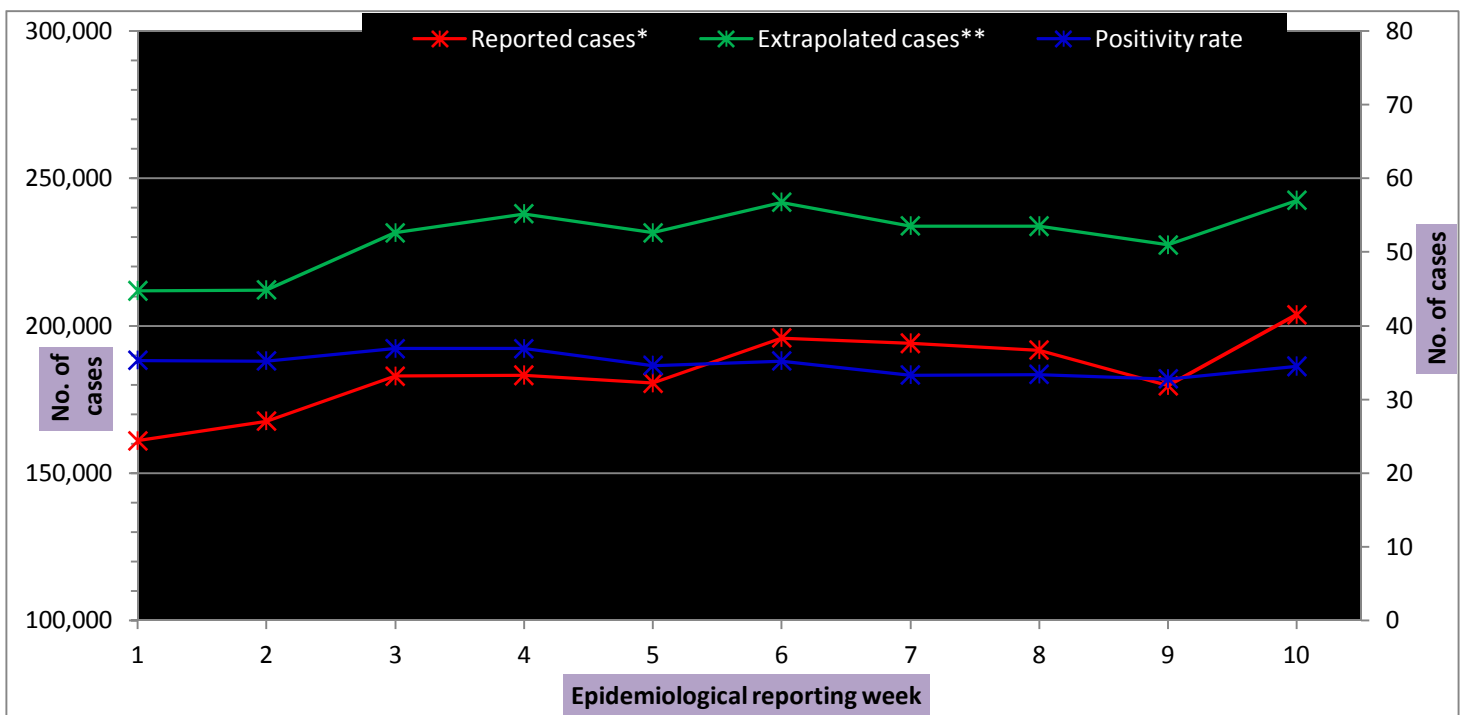
**All districts in the country reported**

Fig. 2: Confirmed measles cases\*, week 1 to 10, 2011



\* The measles IgM positive cases were reported by the following districts: Nairobi North (13), Turkana North (11), Mandera West (6), Wajir East (5), Fafi (5), Nairobi East (5), Nairobi West (2), Wajir North (2), Lagdera (2), Garissa (3), Masinga (1) and Turkana South (1).

Fig. 3: Malaria cases and positivity rate, week 1 to 10, 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

## Highlights for the week

Nationally:	Disease specific reports
<ul style="list-style-type: none"> <li>The surveillance weighted aggregate score rose from 91% in week 9 to 95%</li> </ul>	<b>Cholera</b> <ul style="list-style-type: none"> <li>Zero cases were reported in the week</li> </ul>
<ul style="list-style-type: none"> <li>The number of districts that submitted reports also rose from 143 (96%) to 149 (100%)</li> </ul>	<b>Measles</b> <ul style="list-style-type: none"> <li>Thirty nine suspected cases (a fall from 61 in week 9) were reported from 17 districts</li> </ul>
<ul style="list-style-type: none"> <li>The intra-district average reporting rate rose from 79% to 84%</li> </ul>	<ul style="list-style-type: none"> <li>The cases were reported from: Tharaka (11), Mandera West (6), Nakuru (4), Kiambu East (2), Imenti South (2), Wajir East (2), Samia (2), Nyandarua North (1), Kilifi (1), Kilindini (1), Maara (1), Mwala (1), Nyamira (1), Siaya (1), Laikipia West (1), Molo (1) and Teso (1) districts</li> </ul>
<ul style="list-style-type: none"> <li>Best performing provinces in week 10 of 2011: <ul style="list-style-type: none"> <li>All districts in all eight provinces reported during the week</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>The laboratory surveillance system investigated 71 case specimen from 34 districts <ul style="list-style-type: none"> <li>Six (8%) specimen tested positive for measles IgM. The specimen were submitted from Turkana North (3), Garissa (1), Nairobi East (1) and Nairobi West (1) districts</li> <li>Thirty (42%) specimen tested positive for rubella</li> </ul> </li> </ul>
<ul style="list-style-type: none"> <li>Most improved provinces in week 10 of 2011: <ul style="list-style-type: none"> <li>Intra-district facility RR: While all other provinces improved in performance, Nairobi province (86% to 80%) declined in performance in the week</li> </ul> </li> </ul>	<b>Malaria</b> <ul style="list-style-type: none"> <li>Reported cases rose from 179,663 in week 9 to 203,743</li> </ul>
<ul style="list-style-type: none"> <li>District reporting rate: Eastern (86% to 100%), Central (91% to 100%) and Coast (92% to 100%) provinces improved in performance as the rest maintained 100% reporting in week 10</li> </ul>	<ul style="list-style-type: none"> <li>Mortality marginally declined further from 29 cases to 27 cases <ul style="list-style-type: none"> <li>The deaths were reported from: South Bungoma (6), East Bungoma (5), Kisumu West (3), Nakuru (3), Imenti North (2), Kitui (2), Igembe (1), Makueni (1), Meru South (1), Rarieda (1), Keiyo (1) and Nandi East (1) districts</li> </ul> </li> <li>Overall, 94,780 (47%) cases were laboratory tested, yielding a positivity rate of 34.5%</li> </ul>
<ul style="list-style-type: none"> <li>Forty four (29.5%) districts [up from forty one (28%) districts in week 9] attained 100% intra-district reporting rate</li> </ul>	<b>Dysentery</b> <ul style="list-style-type: none"> <li>Reported cases rose from 1,306 in week 9 to 1,460 with no death</li> </ul>
	<b>Typhoid fever</b> <ul style="list-style-type: none"> <li>Reported cases rose from 5,762 in week 9 to 6,995 with no death</li> </ul>
	<b>AFP</b> <ul style="list-style-type: none"> <li>One case was reported in the week with no deaths</li> <li>The case was reported from Trans Nzoia West district</li> </ul>
	<b>Meningococcal Meningitis</b> <ul style="list-style-type: none"> <li>Zero cases were reported in the week</li> </ul>
	<b>NNT</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>Seventy five specimen were processed by the national influenza center <ul style="list-style-type: none"> <li>Eleven (15%) tested positive for influenza A (H1N1) virus</li> <li>Twelve (16%) tested positive for influenza B virus</li> <li>One (1%) tested positive for influenza A (H3)</li> <li>None tested positive for influenza A (H1) and influenza A (H5)</li> </ul> </li> </ul>

For comments please contact:

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### Summary of Weekly Integrated Disease Surveillance and Response Report for week 10

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
Central																
	Gatundu	42	90	0(0)	0(0)	274(0)	274	12	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	94	0(0)	0(0)	1519(0)	1842	264	2(0)	0(0)	259(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	72	0(0)	0(0)	573(0)	899	146	0(0)	0(0)	109(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	89	52	0(0)	0(0)	1659(0)	950	30	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga North	49	76	0(0)	0(0)	1113(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga South	40	57	0(0)	0(0)	610(0)	511	60	0(0)	0(0)	131(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	73	0(0)	0(0)	536(0)	960	109	1(0)	0(0)	111(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	29	93	0(0)	0(0)	119(0)	248	5	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	94	0(0)	0(0)	10(0)	374	5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	52	58	0(0)	0(0)	333(0)	140	9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	80	0(0)	0(0)	1313(0)	896	28	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																
	Kaloleni	17	94	0(0)	19(0)	1174(0)	478	114	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	37	100	0(0)	78(0)	2066(0)	951	204	1(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	100	0(0)	17(0)	1675(0)	1702	820	1(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	31	100	0(0)	57(0)	2256(0)	378	56	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	22	95	0(0)	15(0)	1397(0)	0	0	0(0)	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	91	0(0)	0(0)	485(0)	180	8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	94	0(0)	40(0)	1859(0)	1093	78	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	86	0(0)	6(0)	2535(0)	3718	790	0(0)	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	95	0(0)	6(0)	685(0)	316	92	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	46	100	0(0)	1(0)	510(0)	1604	243	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	94	0(0)	6(0)	576(0)	287	68	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	52	0(0)	7(0)	252(0)	158	121	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	0(0)	0(0)	460(0)	482	81	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	11	55	0(0)	0(0)	86(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu	77	55	0(0)	0(0)	3189(0)	2528	1107	0(0)	0(0)	84(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	11	82	0(0)	0(0)	86(0)	121	9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	23	57	0(0)	0(0)	595(0)	786	145	0(0)	0(0)	61(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	10	60	0(0)	4(0)	322(0)	192	44	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	77	0(0)	0(0)	209(0)	53	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	9	78	0(0)	0(0)	251(0)	45	6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	38	0(0)	1(0)	69(0)	27	4	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	75	0(0)	2(0)	156(0)	34	14	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	13	38	0(0)	0(0)	104(0)	31	5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	18	72	0(0)	0(0)	264(0)	124	68	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	8	38	0(0)	0(0)	70(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	15	47	0(0)	0(0)	141(0)	19	3	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																
	Bondo	26	92	0(0)	46(0)	1934(0)	743	283	0(0)	0(0)	83(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	85	0(0)	3(0)	1372(0)	239	29	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	2612(0)	809	367	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	93	0(0)	0(0)	1812(0)	1432	432	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	44	86	0(0)	36(0)	2061(0)	784	161	0(0)	0(0)	74(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	0(0)	45(0)	893(0)	486	103	0(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	96	0(0)	5(0)	3916(0)	1426	648	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	100	0(0)	24(0)	2740(3)	1119	525	0(0)	0(0)	71(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	63	0(0)	0(0)	568(0)	84	58	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	96	0(0)	0(0)	934(0)	113	64	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	17	100	0(0)	0(0)	156(0)	154	25	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	94	0(0)	0(0)	1690(0)	331	33	0(0)	0(0)	129(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	98	0(0)	15(0)	1961(0)	877	396	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	94	0(0)	0(0)	1358(0)	481	34	1(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	30	0(0)	36(0)	1779(0)	318	141	0(0)	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	68	0(0)	0(0)	1996(0)	777	168	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	22	95	0(0)	30(0)	1308(1)	745	217	0(0)	0(0)	20(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	40	100	0(0)	8(0)	3652(0)	1173	681	0(0)	0(0)	208(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	72	92	0(0)	76(0)	5593(0)	1300	570	1(0)	0(0)	128(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	84	0(0)	3(0)	948(0)	367	20	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	42	100	0(0)	63(0)	2020(0)	294	81	0(0)	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																
	Baringo	50	88	0(0)	0(0)	927(0)	163	85	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	78	0(0)	10(0)	705(0)	59	0	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	42	100	0(0)	7(0)	1794(0)	726	63	0(0)	0(0)	109(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bureti	32	100	0(0)	0(0)	2008(0)	682	200	0(0)	0(0)	170(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	17	71	0(0)	72(0)	502(0)	0	0	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	36	100	0(0)	0(0)	1636(0)	873	235	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	88	0(0)	9(0)	2585(0)	977	316	0(0)	0(0)	108(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	63	73	0(0)	25(0)	2552(0)	698	142	0(0)	0(0)	90(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	45	80	0(0)	0(0)	1241(1)	521	86	0(0)	0(0)	67(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	30	63	0(0)	0(0)	1020(0)	249	29	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	63	0(0)	0(0)	644(0)	144	11	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	34	94	0(0)	0(0)	962(0)	391	147	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	17	100	0(0)	0(0)	1565(0)	337	105	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	86	0(0)	0(0)	211(0)	37	0	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	89	0(0)	0(0)	122(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	27	96	0(0)	0(0)	864(0)	0	0	1(0)	0(0)	70(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	23	78	0(0)	15(0)	2174(0)	0	0	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	48	94	0(0)	23(0)	1162(0)	207	141	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	91	0(0)	3(0)	357(0)	78	20	1(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	35	91	0(0)	14(0)	1209(0)	483	202	0(0)	0(0)	135(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru	45	96	0(0)	0(0)	489(3)	865	52	4(0)	0(0)	110(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	34	85	0(0)	0(0)	903(0)	285	115	0(0)	0(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	100	0(0)	0(0)	1023(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi East	32	84	0(0)	24(0)	1079(1)	358	58	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	71	0(0)	0(0)	507(0)	238	61	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	18	89	0(0)	0(0)	1394(0)	153	47	0(0)	0(0)	62(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	32	100	0(0)	0(0)	786(0)	477	92	0(0)	0(0)	75(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	63	0(0)	10(0)	308(0)	0	0	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	12	83	0(0)	1(0)	514(0)	319	55	0(0)	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	100	0(0)	0(0)	924(0)	230	73	0(0)	0(0)	88(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	20	80	0(0)	0(0)	419(0)	0	0	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	85	0(0)	3(0)	248(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	9	78	0(0)	12(0)	221(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	30	97	0(0)	0(0)	1462(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	100	0(0)	1(0)	263(0)	135	13	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	22	100	0(0)	0(0)	1361(0)	1020	420	0(0)	0(0)	154(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	100	0(0)	0(0)	1583(0)	557	122	0(0)	0(0)	5(0)	0(0)	1(0)	0(0)	0(0)	0(0)
	Transmara	48	75	0(0)	9(0)	1167(0)	49	5	0(0)	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	80	0(0)	23(0)	1833(0)	861	387	0(0)	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	73	0(0)	0(0)	659(0)	871	43	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	20	55	0(0)	23(0)	601(0)	78	47	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	100	0(0)	0(0)	1614(0)	973	287	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	96	0(0)	3(0)	1586(0)	812	200	0(0)	0(0)	161(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	86	0(0)	0(0)	217(0)	114	32	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	31	100	0(0)	44(0)	4616(0)	2263	1484	0(0)	0(0)	186(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	0(0)	21(0)	3254(0)	696	337	0(0)	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	100	0(0)	0(0)	1639(5)	1204	714	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	91	0(0)	0(0)	1645(0)	438	268	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	92	0(0)	0(0)	1329(0)	605	296	0(0)	0(0)	117(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	28	100	0(0)	0(0)	4310(0)	2975	952	0(0)	0(0)	204(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	14	100	0(0)	0(0)	1288(0)	858	219	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North (Malava)	19	100	0(0)	0(0)	1206(0)	668	456	0(0)	0(0)	51(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	11	100	0(0)	0(0)	1330(0)	471	183	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	100	0(0)	5(0)	2863(0)	996	138	0(0)	0(0)	122(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt Elgon	16	100	0(0)	47(0)	888(0)	650	331	0(0)	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	0(0)	72(0)	3579(0)	1473	784	0(0)	0(0)	65(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	21	100	0(0)	19(0)	1742(0)	826	549	0(0)	0(0)	89(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	10	100	0(0)	0(0)	1548(0)	169	103	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	89(0)	4255(6)	1254	762	0(0)	0(0)	146(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	20	100	0(0)	14(0)	2831(0)	997	348	1(0)	0(0)	78(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	20	100	0(0)	0(0)	3010(0)	2222	810	0(0)	0(0)	120(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	100	0(0)	40(0)	1717(0)	0	0	0(0)	0(0)	50(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 10 summary	0 (0)	1,460 (0)	203,743 (27)	94,780	32,715	39 (0)	0 (0)	6,995 (0)	0 (0)	1 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	12,267 (0)	1,840,379 (265)	818,756	284,532	308 (1)	15 (0)	57,613 (3)	2 (0)	7 (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)

**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