



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

**WEEKLY EPIDEMIOLOGICAL BULLETIN**

**Week 50**

**Week Ending 18<sup>th</sup> December 2011**

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	17	14	14	78	82	100	84
Coast	13	12	12	94	92	100	94
Eastern	35	31	31	82	89	100	88
Nairobi	9	8	8	74	89	100	86
N. Eastern	12	12	12	75	100	100	92
Nyanza	33	23	23	91	70	100	82
R. Valley	53	44	44	76	83	100	84
Western	28	27	27	98	96	100	98
National	200	171	171	83	86	100	87

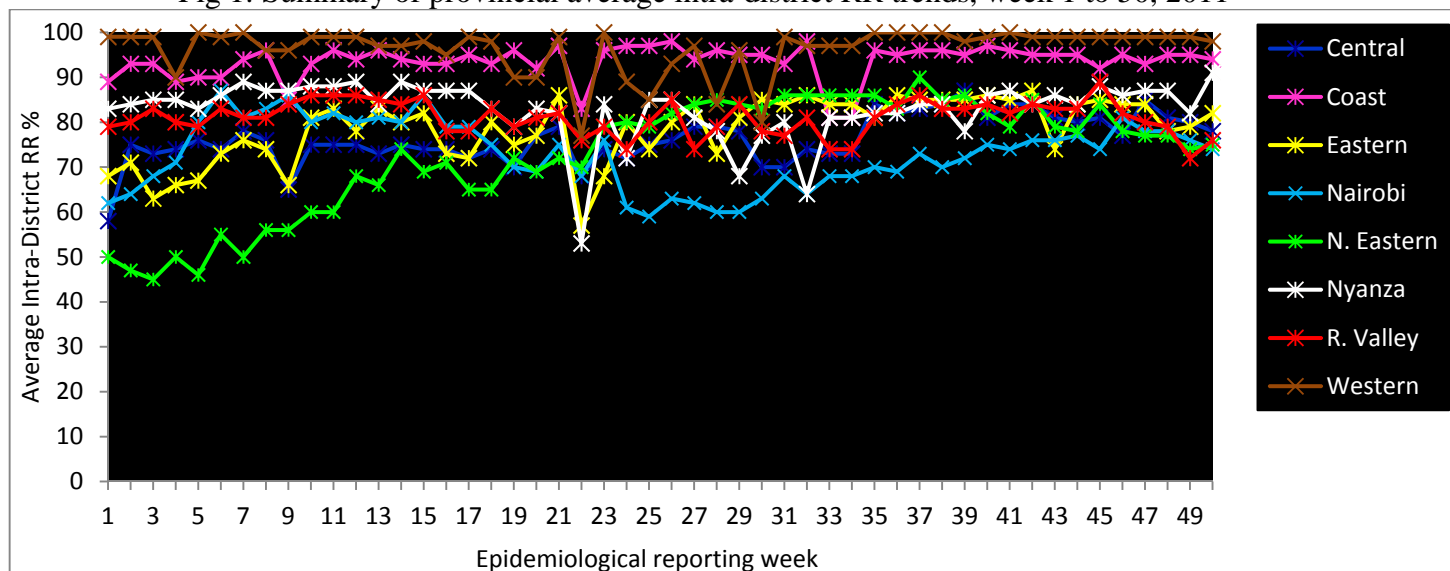
✚ Overall IDSR reporting performance declined in week 50 as compared to week 49

✚ 5 new measles cases confirmed in week 50 in 3 districts

✚ Total confirmed measles cases in the country now 497 by week 50

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Fig 1: Summary of provincial average intra-district RR trends, week 1 to 50, 2011



**Reports not received from the following 29 districts**

Njoro, Mt Elgon, Samburu East, Samburu Central, East Pokot, Nandi Central, Nakuru Central, Kipkelion, Eldoret West, Baringo North, Rachuonyo North, Suba, Ndhiwa, Mbita, Rachuonyo, Nyando, Nyamira, Kisii Central, Homa Bay, Bondo, Kamukunji, Mutomo, Kitui, Kibwezi, Imenti South, Tana River, Nyandarua South, Muranga North and Gatundu

Fig. 2: Confirmed measles cases (n=497), week 1 to 50, 2011

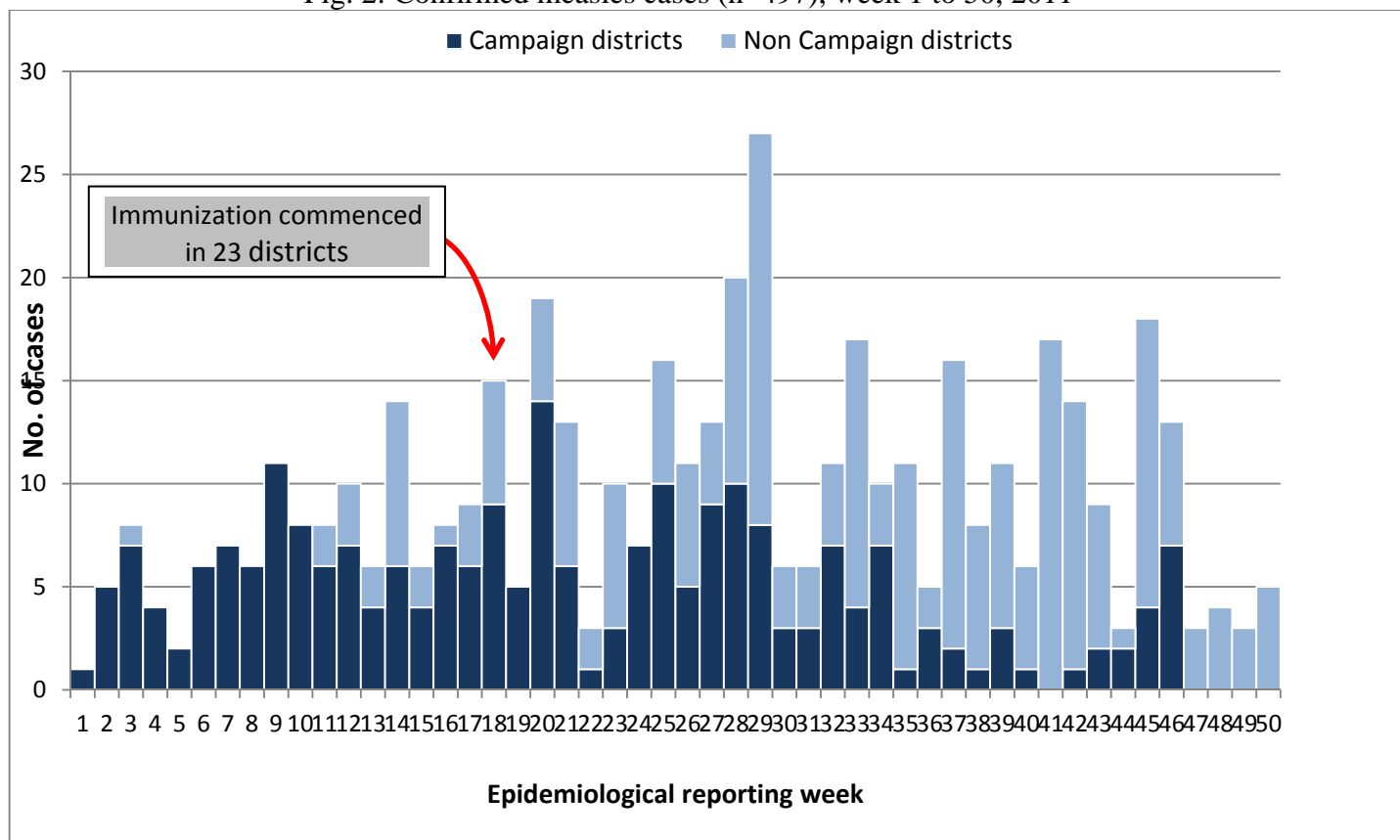
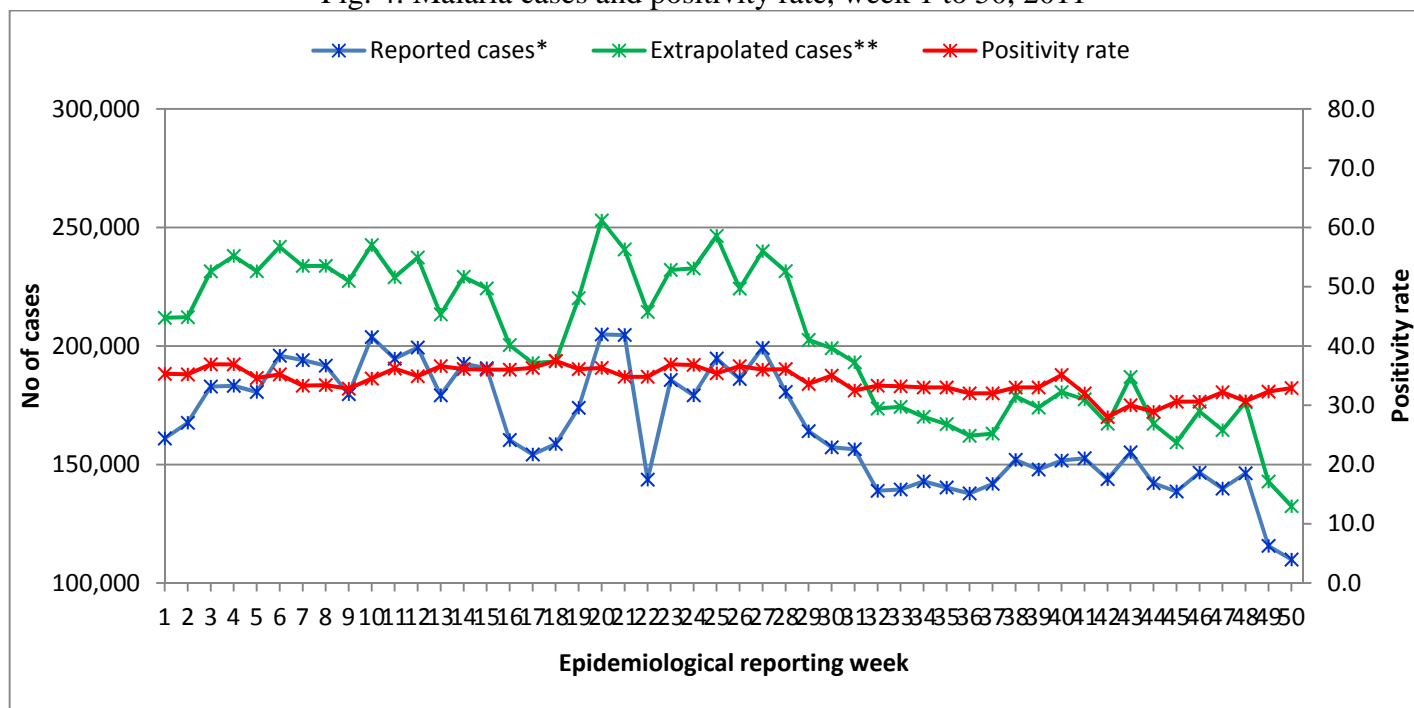


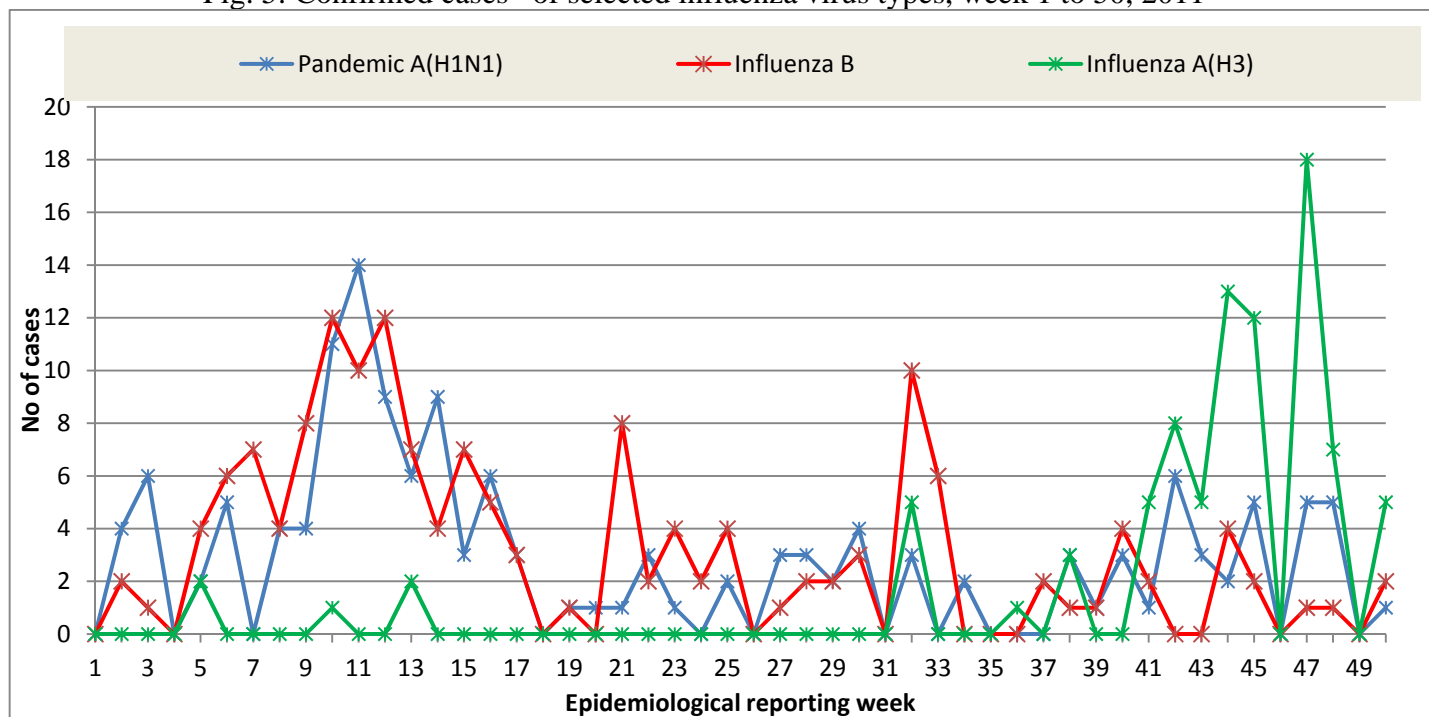
Fig. 4: Malaria cases and positivity rate, week 1 to 50, 2011



\* 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 50, 2011



\* Ministry of Public Health and Sanitation and the Walter Reed Program influenza surveillance system

### Highlights for the week

<p>✦ <b>Nationally:</b></p> <ul style="list-style-type: none"> <li>□ The surveillance weighted aggregate score decreased from 88% in week 49 to 87% in week 50</li> <li>□ The proportion of districts that reported also decreased from 89% in week 49 to 86% in week 50</li> <li>□ The intra-district average reporting rate decreased from 81% in week 49 to 83% in week 50</li> </ul> <p>✦ <b>Best performing provinces in week 50 of 2011:</b></p> <ul style="list-style-type: none"> <li>□ District reporting rate: North Eastern Province had 100% district reporting while only 70% of districts in Nyanza Province reported</li> <li>□ Intra-district facility reporting rate: 98% of health facilities in Western province reported while only 74% of facilities reported in Nairobi Province</li> </ul> <p>✦ <b>Most improved provinces in week 50 of 2011:</b></p> <ul style="list-style-type: none"> <li>□ Intra-district facility RR: Nyanza (82% to 91%) Provinces improved the most. Performance in Central (76% to 72%) and Nairobi (80% to 78%) Province declined the most</li> <li>□ District reporting rate: Performance in Eastern (86% to 89%) Province improved the most</li> </ul> <p>✦ Fifty eight (29%) districts [an increase from forty eight (24%) districts in week 49] attained 100% intra-district reporting rate</p>	<p>✦ <b>Measles</b></p> <p>✦ 74 suspected cases (a decrease from 92 in week 49) were reported from 14 districts, with no death reported.</p> <ul style="list-style-type: none"> <li>□ The cases were reported from: Kajiado (22), Turkana South (17), Meru South (8), Mwingi (5), Rongo (4), Laikipia West (4), Loitokitok (3), Kajiado North (3), Kiambu East (2), Narok South (2), Taveta (1), South Gucha (1), Kwale (1) and Malindi (1) Districts</li> </ul> <p>✦ The laboratory surveillance system received 5 case specimen from 3 districts.</p> <ul style="list-style-type: none"> <li>□ Five (100%) specimen tested positive for measles IgM.</li> <li>□ The specimen were submitted from: Nakuru (2), Ndhwa (2) and Kilindini (1) Districts</li> </ul> <p>✦ Zero (0%) specimen tested positive for rubella</p> <p>✦ <b>Dysentery</b></p> <p>✦ Reported cases increased from 956 in week 49 to 1118 in week 50 with one death reported in Embakasi District</p> <p>✦ <b>Typhoid fever</b></p> <p>✦ Reported cases decreased from 4,305 in week 49 to 3,454 in week 50 with no death reported</p> <p>✦ <b>AFP</b></p> <p>✦ Two cases were reported in the week by Masaba and West Pokot Districts with no reported death</p> <p>✦ All investigated cases tested negative for polio virus</p> <p>✦ <b>Meningococcal Meningitis</b></p> <p>✦ Two cases were reported in the week by Embu West 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>✦ Thirteen specimen were submitted to the national influenza center by the Walter Reed Influenza Surveillance system in the week</p> <ul style="list-style-type: none"> <li>□ One tested positive for pandemic influenza A (H1N1)</li> <li>□ Five tested positive for influenza A (H3)</li> <li>□ Two tested positive for influenza B</li> </ul> <p>✦ All tested negative for influenza A (H1) and influenza A (H5) virus</p>
<div data-bbox="203 966 706 1050" data-label="Section-Header"> <h3>Disease specific reports</h3> </div> <p>✦ <b>Malaria</b></p> <p>✦ Reported cases decreased from 115,742 in week 49 to 109,918 in week 50</p> <p>✦ Mortality increased from 7 in week 49 to 11 in week 50</p> <ul style="list-style-type: none"> <li>□ The deaths were reported from: Bunyala (4), Kakamega North (2), Bungoma East (1), Kakamega Central (1), Makueni (1), Nandi East (1), and West Pokot Districts</li> </ul> <p>✦ Overall, 71,555 (65%) cases were laboratory tested, yielding a positivity rate of 33%</p> <p>✦ <b>Cholera</b></p> <p>✦ Zero cases were reported in the week</p>	

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

Province	District	Reports Expected	Reports Received	%RR	Malaria	Malaria Indicators		Positivity rate	Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
						Tested	Positive												
Central																			
	Gatundu	DNR	DNR	0	DNR	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kiambu East	36	35	97	448(0)	3840	1031	26.8	0(0)	191(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	44	32	72	236(0)	213	65	30.5	0(0)	71(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga Central	21	18	85	78(0)	185	3	1.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Muranga South	50	41	82	177(0)	273	25	9.2	0(0)	72(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	25	83	150(0)	229	48	21.0	0(0)	71(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyeri North	70	70	100	9(0)	345	6	1.7	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	35	64	178(0)	178	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)
	Thika	62	47	75	463(0)	303	4	1.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kikuyu	28	20	71	83(0)	172	34	19.8	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ruiru	50	35	70	196(0)	578	162	28.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga West	13	7	53	104(0)	104	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)
	Kirinyaga East	30	23	76	171(0)	310	2	0.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwea East	21	7	33	12(0)	360	12	3.3	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwea West	10	8	80	237(0)	244	4	1.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																			
	Kaloleni	20	18	90	1108(0)	226	59	26.1	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	45	37	82	2394(0)	694	157	22.6	0(0)	1(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	40	100	1212(0)	1538	501	32.6	0(0)	14(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Kinango	23	22	95	1192(0)	305	58	19.0	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	21	100	1637(0)	819	217	26.5	0(0)	0(0)	7(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	34	32	94	489(0)	285	14	4.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	47	100	1055(0)	1307	72	5.5	0(0)	0(0)	37(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	35	100	836(0)	2425	384	15.8	0(0)	1(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	20	95	76(0)	167	45	26.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	56	46	82	503(0)	1026	224	21.8	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	16	100	560(0)	135	39	28.9	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Taveta	14	14	100	409(0)	530	50	9.4	0(0)	2(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

**Eastern**

	Chalbi	11	7	63	94(0)	3	1	33.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu West	19	14	73	737(0)	622	82	13.2	0(0)	0(0)	1(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	9	64	411(0)	1022	1022	100.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe South	35	32	91	1545(0)	925	313	33.8	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	20	90	978(0)	798	702	88.0	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	55	100	1840(0)	3852	1213	31.5	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	DNR	DNR	0	DNR	3279	1681	51.3	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Isiolo	25	13	52	551(0)	483	107	22.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	20	71	437(0)	238	13	5.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kitui	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kyuso	30	21	70	551(0)	129	63	48.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	7	58	60(0)	31	22	71.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	31	29	93	1225(0)	691	339	49.1	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	19	57	209(0)	322	2	0.6	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	44	43	97	1509(1)	527	115	21.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	11	5	45	254(0)	182	33	18.1	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere North	11	11	100	568(0)	299	175	58.5	0(0)	20(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Mbooni	24	21	87	695(0)	266	18	6.8	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	25	23	92	781(0)	750	283	37.7	0(0)	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	23	16	69	119(0)	0	0	0.0	0(0)	8(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mwala	32	27	84	682(0)	279	57	20.4	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	38	84	1094(0)	103	6	5.8	0(0)	15(0)	93(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzau	22	18	81	375(0)	161	65	40.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	25	16	64	331(0)	234	118	50.4	0(0)	15(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	16	57	1177(0)	201	77	38.3	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	20	19	95	571(0)	299	93	31.1	0(0)	21(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	25	25	100	776(0)	1032	637	61.7	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	26	22	84	422(0)	690	263	38.1	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe North	25	20	80	1027(0)	550	351	63.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	31	31	100	984(0)	372	82	22.0	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	14	14	100	361(0)	202	37	18.3	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere South	23	23	100	459(0)	267	58	21.7	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mukaa	17	17	100	304(0)	395	91	23.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

**Nairobi**

	Embakasi	30	29	96	536(0)	346	0	0.0	0(0)	26(0)	2(1)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Westlands	16	11	68	90(0)	165	53	32.1	0(0)	61(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	19	63	88(0)	274	88	32.1	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	23	19	82	579(0)	593	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)
	Kasarani	17	4	23	463(0)	1128	152	13.5	0(0)	11(0)	150(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	15	15	100	38(0)	75	7	9.3	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	34	23	67	335(0)	173	47	27.2	0(0)	42(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	25	69	406(0)	426	107	25.1	0(0)	112(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

**North Eastern**

	Fafi	11	8	72	141(0)	60	14	23.3	0(0)	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	17	5	29	172(0)	627	51	8.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Ijara	12	8	66	66(0)	277	29	10.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	11	9	81	90(0)	36	0	0.0	0(0)	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	7	6	85	209(0)	100	3	3.0	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	6	75	123(0)	93	25	26.9	0(0)	20(0)	94(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	7	87	168(0)	47	11	23.4	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	14	93	354(0)	79	29	36.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	12	11	91	368(0)	175	12	6.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	12	10	83	288(0)	119	9	7.6	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	10	83	345(0)	155	95	61.3	0(0)	4(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera North	5	5	100	51(0)	66	6	9.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Nyanza</b>																			
	Bondo	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Borabu	27	17	62	641(0)	201	12	6.0	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	18	18	100	532(0)	79	66	83.5	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	16	84	603(0)	246	13	5.3	0(0)	7(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kisii Central	DNR	DNR	0	DNR	0	0	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kisii South	11	11	100	412(0)	306	67	21.9	0(0)	16(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	48	88	3469(0)	1333	601	45.1	0(0)	14(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	24	24	100	1116(0)	421	91	21.6	0(0)	15(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	11	68	284(0)	88	56	63.6	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	23	95	918(0)	117	30	25.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	18	17	94	70(0)	67	21	31.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	29	28	96	424(0)	335	11	3.3	0(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Migori	26	26	100	987(0)	291	234	80.4	0(0)	8(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyando	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Rachuonyo	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR



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	Rarieda	22	21	95	1272(0)	845	354	41.9	0(0)	58(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	25	25	100	741(0)	455	151	33.2	0(0)	69(18)	2(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	30	26	86	1019(0)	202	95	47.0	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbita	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyatiike	28	28	100	1315(0)	735	90	12.2	0(0)	34(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ndhiwa	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyamache	13	13	100	395(0)	146	19	13.0	0(0)	21(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	26	19	73	976(0)	355	150	42.3	0(0)	47(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	15	100	431(0)	183	65	35.5	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	29	24	82	1187(0)	468	225	48.1	0(0)	26(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kenyena	12	12	100	468(0)	192	22	11.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Marani	9	9	100	418(0)	259	11	4.2	0(0)	8(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyamira North	25	23	92	424(0)	138	5	3.6	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyakach	16	11	68	606(0)	533	9	1.7	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

**Rift Valley**

	Baringo	37	27	72	611(0)	70	50	71.4	0(0)	8(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Bomet	23	22	95	484(0)	185	35	18.9	0(0)	66(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	32	21	65	548(0)	221	39	17.6	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Eldoret East	38	35	92	797(0)	165	42	25.5	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kajiado	30	17	56	589(0)	161	31	19.3	0(0)	38(0)	3(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	18	18	100	379(0)	95	18	18.9	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	12	9	75	512(0)	100	13	13.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Koibatek	38	31	81	359(0)	223	37	16.6	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Kwanza	18	16	88	549(0)	125	92	73.6	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	12	85	135(0)	26	0	0.0	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	6	66	37(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)	0(0)
	Laikipia West	31	26	83	437(0)	0	0	0.0	0(0)	30(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	25	21	84	474(0)	0	0	0.0	0(0)	12(0)	34(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet West	33	24	72	562(0)	48	10	20.8	0(0)	22(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	9	8	88	292(0)	0	0	0.0	0(0)	8(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	36	33	91	1398(0)	620	201	32.4	0(0)	143(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru Central	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nakuru North	46	41	89	1286(0)	435	117	26.9	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nandi East	32	27	84	697(1)	321	57	17.8	0(0)	17(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	15	62	444(0)	138	16	11.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	24	20	83	827(0)	113	45	39.8	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	32	100	396(0)	275	51	18.5	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	24	80	344(0)	195	56	28.7	0(0)	59(0)	7(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	20	100	490(0)	108	24	22.2	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	10	66	501(0)	473	134	28.3	0(0)	16(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu Central	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Samburu East	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Samburu North	12	9	75	254(0)	0	0	0.0	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	31	31	100	739(0)	206	8	3.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	10	100	189(0)	119	21	17.6	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	48	25	52	437(0)	212	6	2.8	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	20	86	591(0)	492	215	43.7	0(0)	141(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Trans Nzoia West	24	24	100	1910(0)	631	179	28.4	0(0)	9(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	46	19	41	1184(0)	593	556	93.8	0(0)	37(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	11	42	1375(0)	1558	942	60.5	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	20	3	15	198(0)	77	46	59.7	0(0)	2(0)	1(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	36	94	790(0)	458	148	32.3	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	22	91	1210(1)	437	99	22.7	0(0)	103(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Belgut	19	14	73	540(0)	165	42	25.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuresoi	32	21	65	232(0)	110	21	19.1	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njoro	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Marigat	16	14	87	287(0)	58	18	31.0	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	28	21	75	635(0)	78	15	19.2	0(0)	11(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	32	12	37	199(0)	50	14	28.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Chepalungu	21	20	95	456(0)	98	1	1.0	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isinya	15	14	93	399(0)	153	55	35.9	0(0)	60(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	33	17	51	478(0)	648	184	28.4	0(0)	21(0)	5(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo South	32	26	81	413(0)	59	30	50.8	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

**Western**

	Bungoma East	13	13	100	872(1)	900	625	69.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma North	15	15	100	616(0)	338	187	55.3	0(0)	23(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	22	22	100	2293(0)	1148	416	36.2	0(0)	120(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	9	9	100	1010(0)	608	185	30.4	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	7	100	1060(4)	289	82	28.4	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	19	19	100	1906(0)	1240	655	52.8	0(0)	41(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	10	100	1117(0)	589	258	43.8	0(0)	46(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	23	100	598(0)	208	61	29.3	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	13	100	684(0)	316	137	43.4	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	30	30	100	2258(1)	1368	541	39.5	0(0)	74(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Kakamega East	14	14	100	1120(0)	578	146	25.3	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North	20	20	100	642(2)	324	254	78.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South	11	11	100	735(0)	332	198	59.6	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	15	14	93	590(0)	0	0	0.0	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mumias	18	18	100	1232(0)	580	250	43.1	0(0)	7(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	11	11	100	1170(0)	188	88	46.8	0(0)	5(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso North	11	11	100	1079(0)	197	57	28.9	0(0)	22(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	10	10	100	631(0)	697	228	32.7	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	10	10	100	924(0)	0	0	0.0	0(0)	141(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso South	9	9	100	1336(0)	411	200	48.7	0(0)	24(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lukuyani	10	10	100	428(0)	194	10	5.2	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matete	7	7	100	297(0)	74	16	21.6	0(0)	10(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sabatia	12	12	100	600(0)	214	83	38.8	0(0)	53(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butula	13	13	100	696(0)	292	181	62.0	0(0)	55(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Khwisero	14	14	100	513(0)	296	128	43.2	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma Central	14	14	100	543(0)	443	143	32.3	0(0)	22(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kimilili Bungoma	8	8	100	546(0)	428	259	60.5	0(0)	60(0)	6(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 50 summary	0 (0)	1,118 (1)	109,918 (11)	71,555	23,527	74 (0)	2 (0)	3,454 (0)	0 (0)	2 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	702 (2)	57,227 (18)	8,283,679 (1,118)	4,203,186	1,434,550	3,298 (11)	129 (5)	267,764 (12)	11 (3)	99 (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

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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)