



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

**WEEKLY EPIDEMIOLOGICAL BULLETIN**

**Week 44**

**Week Ending 6<sup>th</sup> November 2011**

Provincial & national surveillance indicators for week 44

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	17	13	13	80	76	100	82
Coast	13	13	13	95	100	100	98
Eastern	35	20	20	84	57	100	73
Nairobi	9	8	8	77	89	100	87
N. Eastern	12	12	12	78	100	100	93
Nyanza	33	32	32	84	97	100	93
R. Valley	53	44	44	83	83	100	86
Western	28	28	28	99	100	100	100
National	200	170	170	85	85	100	88

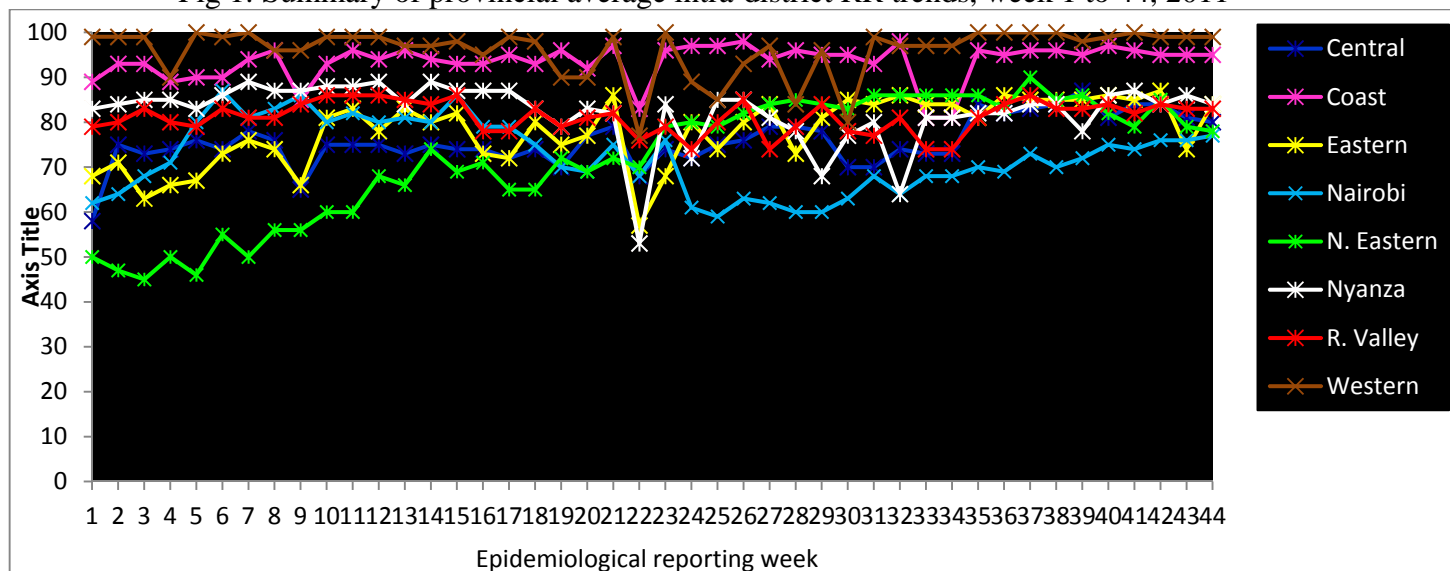
✚ Overall IDSR reporting performance declined in week 44 as compared to week 43

✚ 3 new measles cases confirmed in week 44 in 2 districts

✚ Total confirmed measles cases in the country now 450 by week 44

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Fig 1: Summary of provincial average intra-district RR trends, week 1 to 44, 2011



**Reports not received from the following 30 districts**

Muranga North, Nyeri South, Kirinyaga West, Mwea West, Chalbi, Embu West, Igembe South, Isiolo, Kangundo, Laikipia, Meru South, Mwala, Nzau, Tigania, Embu East, Igembe North, Masinga, Embu North, Mbeere South, Kamukunji, Nyakach, Baringo North, East Pokot, Eldoret West, Kericho East, Laikipia West, Nandi Central, Pokot Central, Samburu Central and Samburu East

Fig. 2: Confirmed measles cases (n=450), week 1 to 44, 2011

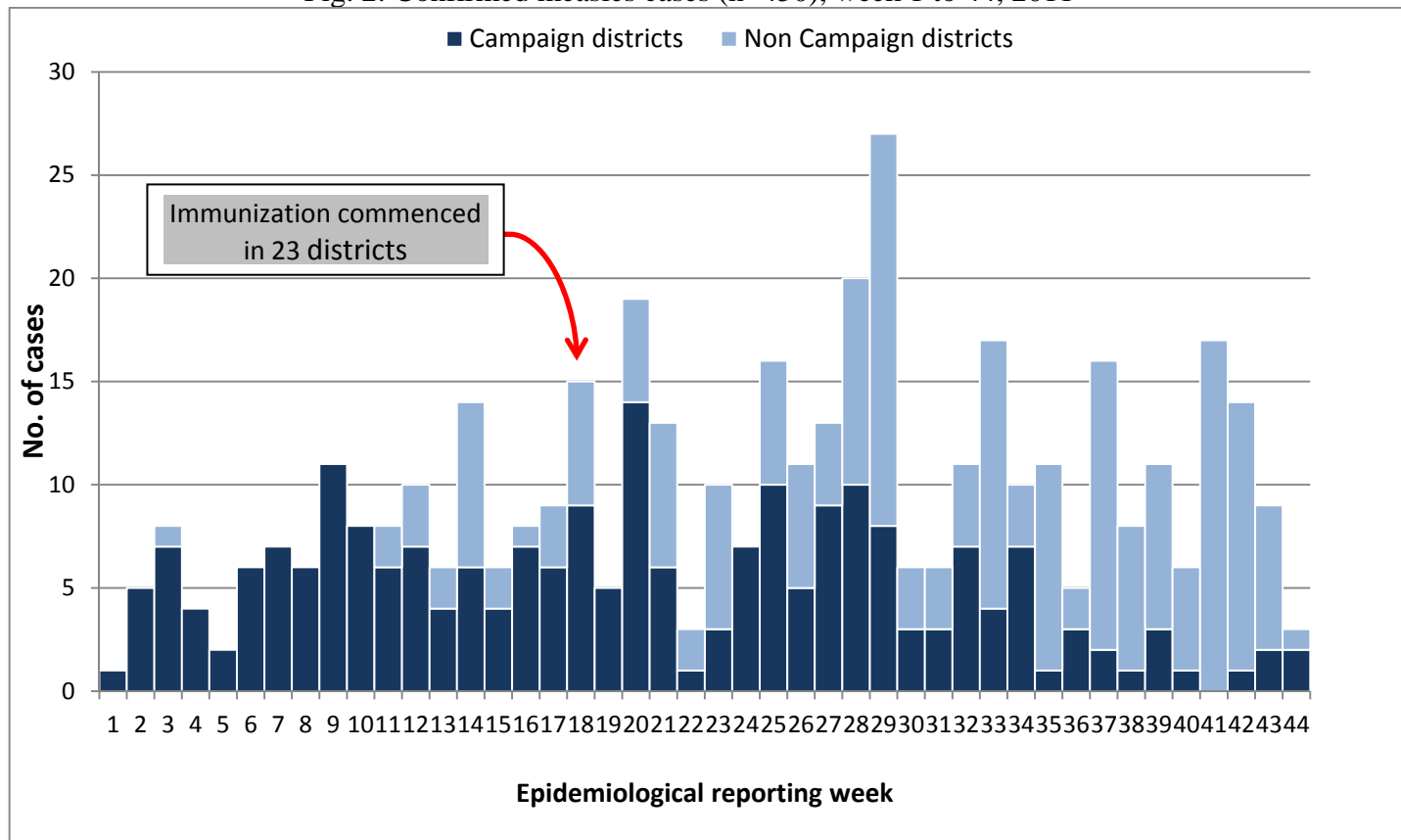
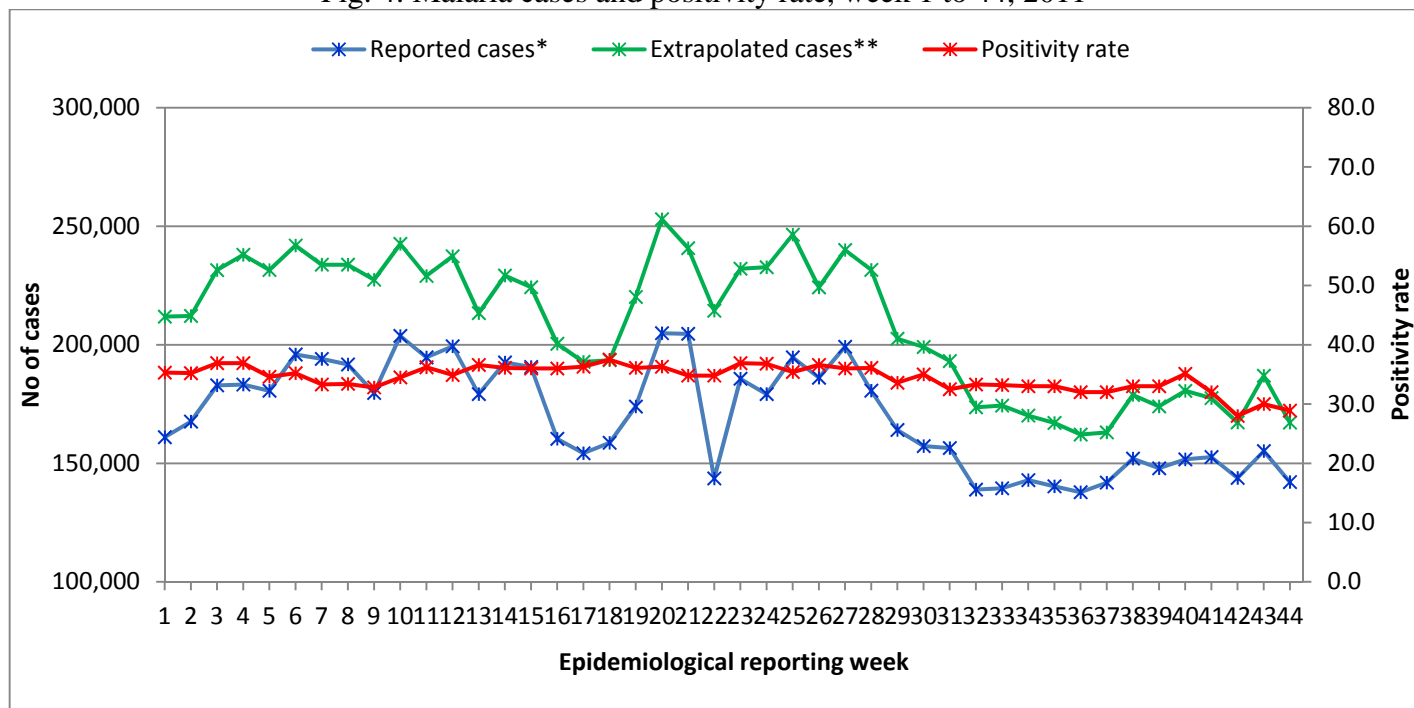


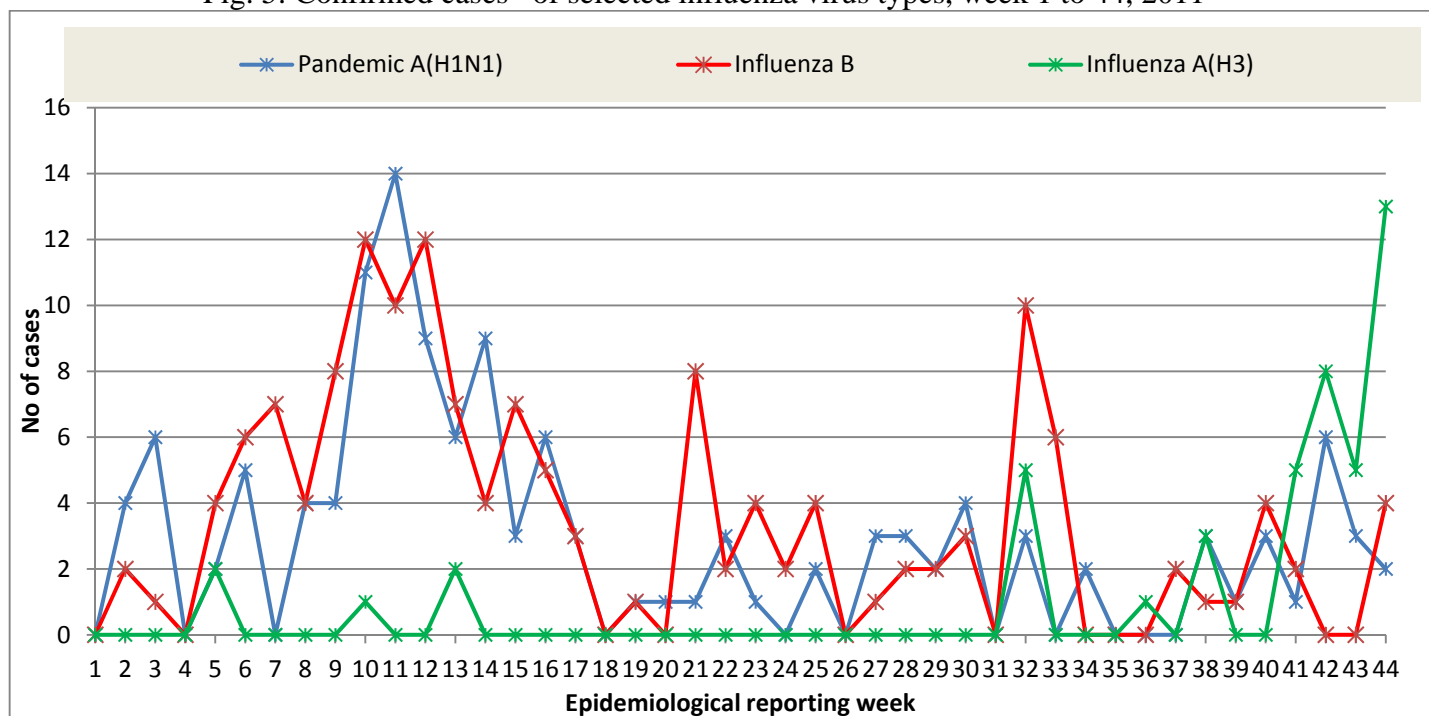
Fig. 4: Malaria cases and positivity rate, week 1 to 44, 2011



\* 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 44, 2011



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

### Highlights for the week

- ✦ **Nationally:**
  - The surveillance weighted aggregate score decreased from 92% in week 43 to 88% in week 44
  - The proportion of districts that reported also decreased from at 95% in week 43 to 85% in week 44
  - The intra-district average reporting rate increased from 83% in week 43 to 85% in week 44
- ✦ **Best performing provinces in week 44 of 2011:**
  - District reporting rate: Coast, Western and North Eastern Provinces had 100% district reporting while only 57% of districts in Eastern Province reported
  - Intra-district facility reporting rate: 99% of health facilities in Western province reported while only 77% of health facilities in Nairobi province reported
- ✦ **Most improved provinces in week 44 of 2011:**
  - Intra-district facility RR: Eastern (74% to 84%) Province improved the most. Performance in Nyanza (86% to 84%) Province declined the most
  - District reporting rate: Performance in North Eastern Province (92% to 100%) improved
- ✦ Fifty nine (29.5%) districts [a decrease from sixty two (31%) districts in week 43] attained 100% intra-district reporting rate

### Disease specific reports

#### **Malaria**

- ✦ Reported cases decreased from 155,161 in week 43 to 142,098 in week 44
- ✦ Mortality stabilized at 17 cases
  - The deaths were reported from: Imenti North (4), Makueni (2), Mbita (2), Bunyala (2), Teso North (2), Tana River (1), Kibwezi (1), Mbeere North (1), Nandi East (1) and Turkana North (1).
- ✦ Overall, 84,619 (60%) cases were laboratory tested, yielding a positivity rate of 29%

#### **Cholera**

- ✦ Twenty five cases were reported in the week from Dadaab Refugee Camp

#### **Measles**

- ✦ 98 suspected cases (an increase from 49 in week 43) were reported from 23 districts, with no death reported
  - The cases were reported from: Dadaab Refugee Camp (13), Mwingi (10), Ijara (10), Bungoma East (7), Mandera West (7), Kajiado North (5), Makueni (5), Lagdera (5), Narok South (5), Wajir East (5), Trans Mara (4), Malindi (3), Nyandarua North (2), Nyandarua South (2), Mombasa (2), Kitui (2), Kajiado (2), Laikipia East (2), Isinya (2), Borabu (1), Ndhiwa (1), Narok North (1), Kilindini (1) and Hamisi (1)
- ✦ The laboratory surveillance system received 45 case specimens from 21 districts. Seventeen were investigated
  - Three (18%) specimen tested positive for measles IgM.
  - The specimen were submitted from: Nairobi West (2) and Rachuonyo North (1) Districts
- ✦ Five (29% ) specimen tested positive for rubella

#### **Dysentery**

- ✦ Reported cases decreased from 1355 in week 43 to 1223 in week 44 with no death reported

#### **Typhoid fever**

- ✦ Reported cases decreased from 5,656 in week 43 to 5,438 in week 44 with no death reported

#### **AFP**

- ✦ Two cases were reported in the week by Taita and Marani Districts with no reported death
- ✦ All investigated cases tested negative for polio virus

#### **Meningococcal Meningitis**

- ✦ One case was reported in the week by Kitui District with no reported death

#### **NNT**

- ✦ One case was reported in the week by Rongo District with no reported death

#### **Influenza (Walter Reed Influenza Surveillance)**

- ✦ Forty five specimen were submitted to the national influenza center by the Walter Reed Influenza Surveillance system in the week
  - Two tested positive for pandemic influenza A (H1N1)
  - Thirteen tested positive for influenza A (H3)
  - Four tested positive for influenza B
  - All tested negative for influenza A (H1) and influenza A (H5) virus

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**Summary of Weekly Integrated Disease Surveillance and Response Report for week 44**

Province	District	Reports Expected	Reports Received	%RR	Malaria Indicators				Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive	positivity											
Central																			
	Gatundu	42	38	90	241(0)	241	3	1.2	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	36	100	585(0)	1210	81	6.7	0(0)	192(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	44	34	77	259(0)	388	90	23.2	0(0)	95(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga Central	21	18	85	846(0)	570	0	0.0	0(0)	1(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	60	42	70	378(0)	574	14	2.4	0(0)	90(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	27	90	249(0)	723	82	11.3	0(0)	103(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	30	26	86	46(0)	148	4	2.7	0(0)	9(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	70	100	7(0)	303	7	2.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Thika	62	50	80	576(0)	341	14	4.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kikuyu	28	23	82	67(0)	227	26	11.5	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ruiru	50	32	64	401(0)	733	219	29.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga West	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kirinyaga East	30	21	70	101(0)	321	6	1.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwea East	24	6	25	4(0)	218	4	1.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwea West	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
Coast																			
	Kaloleni	19	18	94	1416(0)	428	72	16.8	0(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	45	38	84	1817(0)	687	84	12.2	0(0)	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	40	100	1567(0)	2232	848	38.0	0(0)	15(0)	15(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	23	22	95	1085(0)	261	55	21.1	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	21	100	1105(0)	1119	233	20.8	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Lamu	34	32	94	501(0)	243	14	5.8	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	874(0)	1527	149	9.8	0(0)	0(0)	47(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	35	100	1516(0)	4279	649	15.2	0(0)	15(0)	4(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	21	100	184(0)	324	104	32.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	55	54	98	597(0)	2543	408	16.0	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Tana Delta	16	16	100	525(0)	140	31	22.1	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	13	61	389(1)	96	31	32.3	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	14	14	100	543(0)	532	52	9.8	0(0)	1(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Eastern</b>																			
	Chalbi	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Embu West	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Garbatula	14	8	57	171(0)	18	5	27.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Meru Central	22	20	90	1039(0)	895	627	70.1	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	55	100	1902(4)	2915	973	33.4	0(0)	67(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	67	65	97	3059(0)	3564	1824	51.2	0(0)	142(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kangundo	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kibwezi	30	27	90	1048(1)	550	107	19.5	0(0)	37(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	85	70	82	2142(0)	1045	405	38.8	0(0)	4(0)	25(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	30	20	66	574(0)	100	41	41.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Maara	31	30	96	1350(0)	737	345	46.8	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	16	48	335(0)	658	33	5.0	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	44	43	97	1514(2)	622	124	19.9	0(0)	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	12	6	50	235(0)	137	21	15.3	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere North	12	12	100	710(1)	337	161	47.8	0(0)	21(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	22	91	797(0)	301	26	8.6	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR



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	Moyale	23	16	69	170(0)	81	11	13.6	0(0)	23(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	20	17	85	420(0)	70	12	17.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mwingi	45	36	80	864(0)	0	0	0.0	0(0)	20(0)	58(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzau	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Tharaka	20	15	75	292(0)	556	297	53.4	0(0)	35(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Yatta	20	18	90	607(0)	213	136	63.8	0(0)	21(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Athi River	26	22	84	463(0)	647	50	7.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Masinga	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Embu North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mbeere South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mukaa	16	13	81	298(0)	146	34	23.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Nairobi</b>																			
	Embakasi	30	29	96	958(0)	586	178	30.4	0(0)	33(0)	3(0)	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	69(0)	78	48	61.5	0(0)	22(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	18	60	70(0)	451	84	18.6	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	20	17	85	763(0)	425	0	0.0	0(0)	385(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	50	35	70	811(0)	1176	191	16.2	0(0)	156(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	15	15	100	26(0)	34	13	38.2	0(0)	26(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	34	26	76	314(0)	160	43	26.9	0(0)	37(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	27	75	356(0)	388	131	33.8	0(0)	109(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>North Eastern</b>																			
	Fafi	11	7	63	7(0)	68	8	11.8	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	17	13	76	356(0)	803	214	26.7	0(0)	78(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	12	9	75	156(0)	168	4	2.4	0(0)	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	11	8	72	65(0)	0	0	0.0	0(0)	0(0)	4(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera	7	6	85	217(0)	59	3	5.1	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Central																		
	Mandera East	8	7	87	196(0)	137	35	25.5	0(0)	33(0)	55(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	7	87	251(0)	59	10	16.9	0(0)	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	15	100	276(0)	41	16	39.0	0(0)	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	16	6	37	369(0)	37	11	29.7	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	235(0)	175	35	20.0	0(0)	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	11	91	251(0)	59	10	16.9	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	74(0)	65	4	6.2	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dadaab Refugee Camp								25 (0)			13(0)							
<b>Nyanza</b>																			
	Bondo	27	24	88	1338(0)	607	217	35.7	0(0)	53(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	21	77	1150(0)	254	17	6.7	0(0)	0(0)	4(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	18	18	100	840(0)	337	203	60.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	17	89	738(0)	181	10	5.5	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	30	24	80	718(0)	607	217	35.7	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	34	30	88	1072(0)	1473	47	3.2	0(0)	121(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	11	100	676(0)	307	42	13.7	0(0)	21(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	51	94	4252(0)	1347	611	45.4	0(0)	18(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	24	22	91	1307(0)	565	130	23.0	0(0)	34(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	18	6	33	169(0)	14	6	42.9	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	23	95	826(0)	111	39	35.1	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	18	12	66	95(0)	86	15	17.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	27	84	564(0)	350	9	2.6	0(0)	138(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	26	24	92	902(0)	345	261	75.7	0(0)	22(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	26	24	92	779(0)	313	7	2.2	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	22	46	1859(0)	707	242	34.2	0(0)	17(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	35	17	48	448(0)	254	85	33.5	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)



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	Rarieda	22	22	100	1434(0)	896	297	33.1	0(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	25	25	100	1225(0)	504	218	43.3	0(0)	47(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)
	Siaya	30	30	100	1871(0)	306	119	38.9	0(0)	80(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbita	27	20	74	629(2)	114	29	25.4	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatiike	28	26	92	1235(0)	652	103	15.8	0(0)	18(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ndhiwa	26	26	100	2663(0)	2006	603	30.1	0(0)	1(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamache	13	12	92	386(0)	141	34	24.1	0(0)	20(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	26	25	96	1294(0)	435	233	53.6	0(0)	34(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	15	100	465(0)	74	17	23.0	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	29	26	89	1563(0)	1118	400	35.8	0(0)	67(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kenyenya	12	12	100	585(0)	145	45	31.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	18	17	94	974(0)	296	88	29.7	0(0)	93(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marani	9	9	100	429(0)	250	18	7.2	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Rachuonyo North	26	9	34	380(0)	82	48	58.5	0(0)	16(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira North	27	24	88	655(0)	134	8	6.0	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	NYAKACH	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR

**Rift Valley**

	Baringo	37	30	81	596(0)	64	17	26.6	0(0)	7(0)	0(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	23	100	1135(0)	336	36	10.7	0(0)	150(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	27	25	92	1437(0)	780	89	11.4	0(0)	0(0)	6(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	1239(0)	321	80	24.9	0(0)	19(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	20	66	610(0)	217	15	6.9	0(0)	8(0)	7(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	18	18	100	442(0)	159	44	27.7	0(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kipkelion	41	33	80	893(0)	262	13	5.0	0(0)	65(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	38	36	94	683(0)	170	41	24.1	0(0)	13(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	18	100	1148(0)	594	272	45.8	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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Laikipia East	14	12	85	178(0)	14	0	0.0	0(0)	6(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Laikipia North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
Laikipia West	31	30	96	659(0)	0	0	0.0	0(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Loitokitok	25	20	80	456(0)	0	0	0.0	0(0)	18(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Marakwet West	33	24	72	733(0)	80	15	18.8	0(0)	15(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Molo	9	8	88	338(0)	0	0	0.0	0(0)	5(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Naivasha	36	34	94	1362(0)	427	145	34.0	0(0)	110(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nakuru Central	45	42	93	303(0)	526	24	4.6	0(0)	97(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nakuru North	46	40	86	1392(0)	598	172	28.8	0(0)	34(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	847(1)	375	82	21.9	0(0)	10(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nandi North	24	17	70	709(0)	283	70	24.7	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	728(0)	260	100	38.5	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Narok North	32	32	100	434(0)	293	87	29.7	0(0)	51(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Narok South	30	23	76	2248(0)	179	34	19.0	0(0)	46(0)	4(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Pokot Central	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
Pokot North	20	20	100	789(0)	582	281	48.3	0(0)	54(0)	0(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	24	16	66	266(0)	0	0	0.0	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Sotik	31	29	93	1203(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)
Tinderet	10	10	100	213(0)	137	27	19.7	0(0)	17(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Trans Mara	48	29	60	867(0)	221	3	1.4	0(0)	25(0)	6(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Trans Nzoia	23	23	100	774(0)	799	328	41.1	0(0)	115(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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East																			
Trans Nzoia	24	24	100	1866(0)	646	206	31.9	0(0)	7(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Turkana																			
Central	36	34	94	2194(0)	556	245	44.1	0(0)	82(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Turkana																			
North	26	14	53	850(1)	438	141	32.2	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Turkana																			
South	24	7	29	234(0)	35	10	28.6	0(0)	11(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Wareng	38	36	94	1119(0)	0	0	0.0	0(0)	38(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
West Pokot	24	21	87	1690(0)	525	196	37.3	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Belgut	19	14	73	711(0)	240	32	13.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kuresoi	32	27	84	243(0)	203	37	18.2	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Njoro	25	12	48	349(0)	0	0	0.0	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Marigat	16	16	100	490(0)	109	24	22.0	0(0)	23(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Marakwet																			
East	28	21	75	696(0)	104	27	26.0	0(0)	9(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Konoin	22	13	59	436(0)	66	0	0.0	0(0)	4(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	858(0)	38	4	10.5	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Isinya	15	14	93	535(0)	173	34	19.7	0(0)	77(0)	11(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kajiado																			
North	33	24	72	695(0)	348	120	34.5	0(0)	62(0)	4(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Keiyo South	32	30	93	640(0)	0	0	0.0	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Western</b>																			
Bungoma																			
East	13	13	100	1034(0)	1332	887	66.6	0(0)	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	881(0)	521	287	55.1	0(0)	25(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Bungoma																			
South	22	22	100	2422(0)	1252	409	32.7	0(0)	135(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Bungoma																			
West	9	9	100	1221(0)	821	301	36.7	0(0)	56(0)	6(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Bunyala	7	7	100	918(2)	642	148	23.1	0(0)	5(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Busia	19	18	94	2123(0)	1394	836	60.0	0(0)	96(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Butere	10	10	100	1504(0)	709	317	44.7	0(0)	66(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Emuhaya	23	23	100	817(0)	220	87	39.5	0(0)	32(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Hamisi	13	13	100	788(0)	490	241	49.2	0(0)	30(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kakamega Central	30	30	100	2750(0)	1476	523	35.4	0(0)	167(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kakamega East	14	14	100	1427(0)	896	178	19.9	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kakamega North	20	20	100	1067(0)	540	413	76.5	0(0)	31(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	1004(0)	501	273	54.5	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Lugari	14	14	100	1077(0)	197	36	18.3	0(0)	62(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Mt. Elgon	16	16	100	1052(0)	880	334	38.0	0(0)	41(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Mumias	18	18	100	1414(0)	2789	0	0.0	0(0)	20(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Samia	11	11	100	1248(0)	271	180	66.4	0(0)	5(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Teso North	11	11	100	1544(2)	257	40	15.6	0(0)	36(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Vihiga	10	10	100	683(0)	487	252	51.7	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Matungu	10	10	100	1198(0)	781	378	48.4	0(0)	72(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Teso South	9	9	100	1409(0)	468	188	40.2	0(0)	33(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Lukuyani	10	10	100	685(0)	157	15	9.6	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Matete	6	6	100	487(0)	96	24	25.0	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Sabatia	12	12	100	785(0)	524	259	49.4	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Butula	13	13	100	1123(0)	510	223	43.7	0(0)	18(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Khwisero	14	14	100	902(0)	370	153	41.4	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Bungoma Central	14	14	100	518(0)	465	174	37.4	0(0)	20(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kimilili																			
Bungoma	8	8	100	519(0)	435	265	60.9	0(0)	48(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
Week 44 summary	25 (0)	1223 (0)	142,098 (17)	84,619	24,440	98 (0)	1 (0)	5,438 (0)	1 (0)	2 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	74 (2)	50,174 (17)	7,486,762 (1,057)	3,745,025	1,290,317	2,759 (10)	96 (4)	241,149 (11)	11 (3)	74 (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)