



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 46

Week Ending 20th November 2011

Provincial & national surveillance indicators for week 46

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	17	13	13	77	76	100	81
Coast	13	11	11	95	85	100	91
Eastern	35	33	33	84	94	100	92
Nairobi	9	9	9	81	100	100	94
N. Eastern	12	12	12	78	100	100	93
Nyanza	33	33	33	86	100	100	95
R. Valley	53	49	49	82	92	100	90
Western	28	26	26	99	93	100	96
National	200	186	186	85	93	100	91

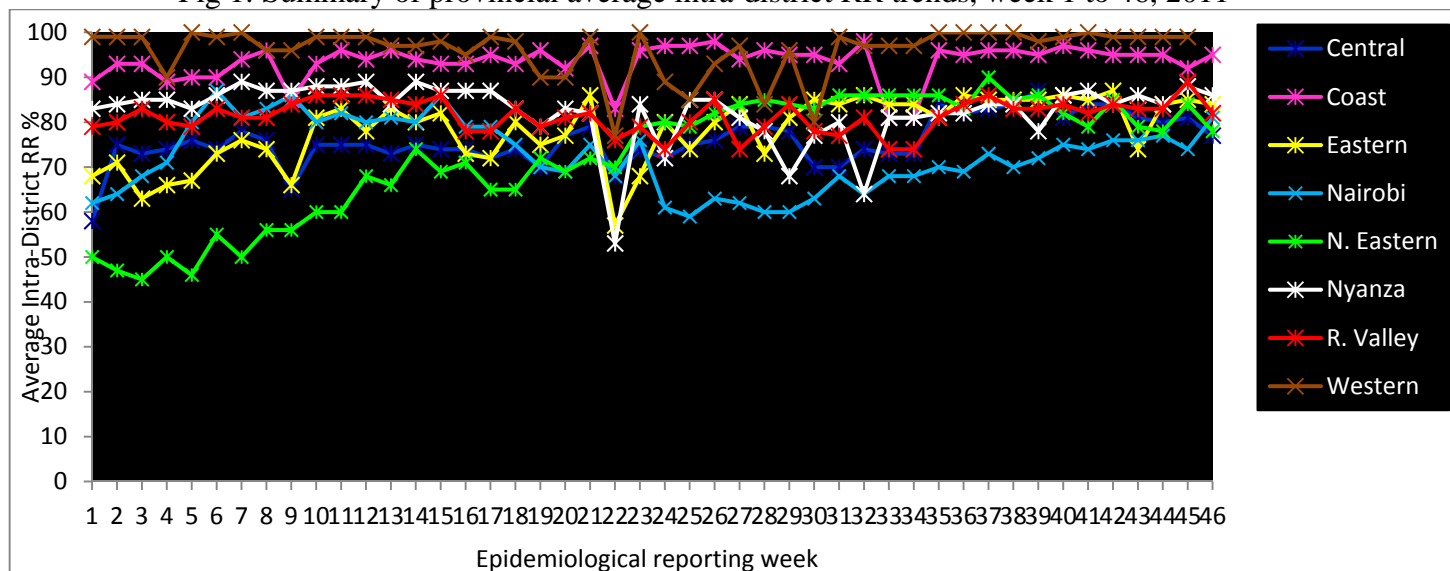
✚ Overall IDSR reporting performance improved in week 46 as compared to week 45

✚ 13 new measles cases confirmed in week 46 in 16 districts

✚ Total confirmed measles cases in the country now 481 by week 46

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Fig 1: Summary of provincial average intra-district RR trends, week 1 to 46, 2011



Reports not received from the following 14 districts

Tana Delta, Mombasa, Imenti South, Kibwezi, Thika, Nyeri North, Muranga North, Kiambu East, Baringo North, Samburu East, Samburu Central, Kajiado North, Bungoma South and Samia

Fig. 2: Confirmed measles cases (n=481), week 1 to 46, 2011

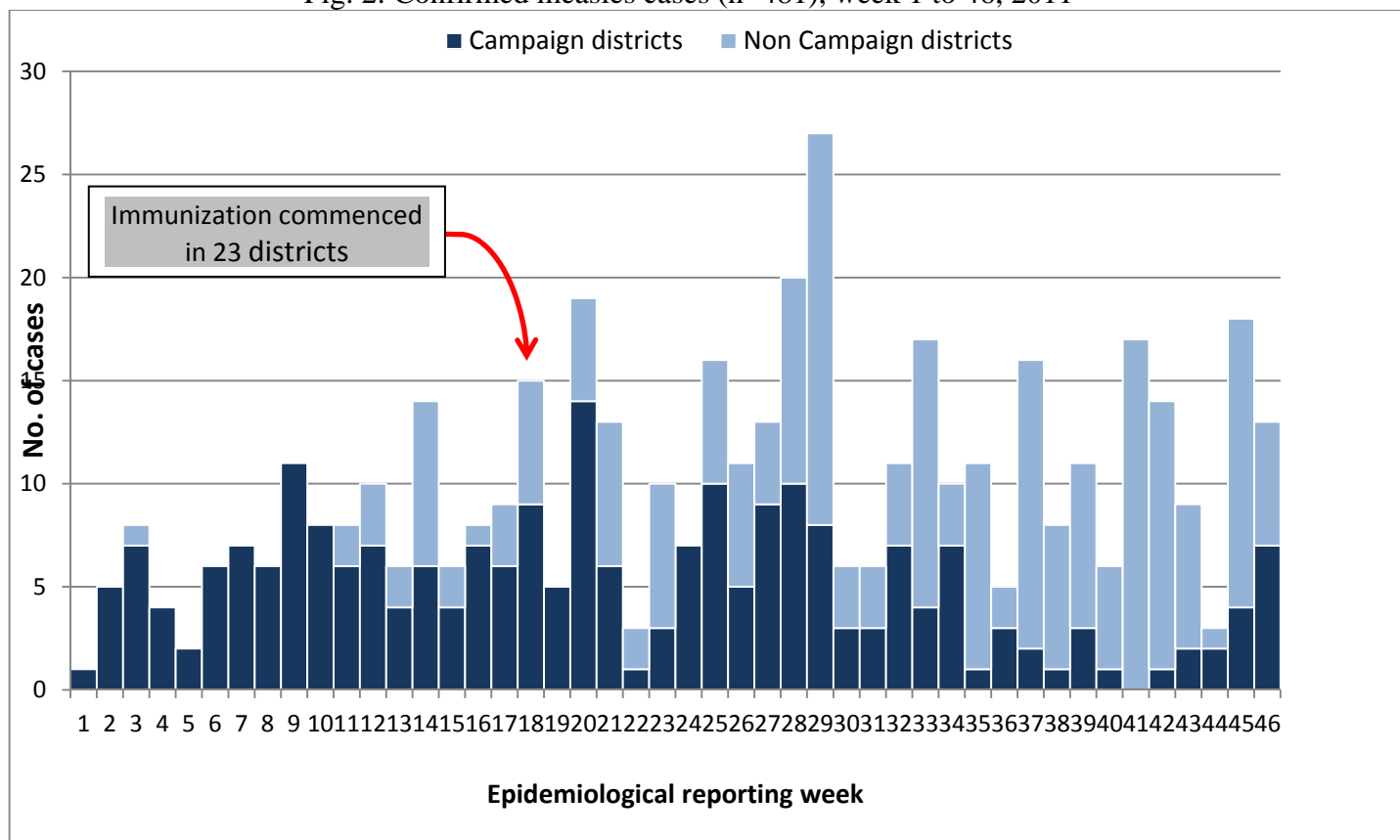
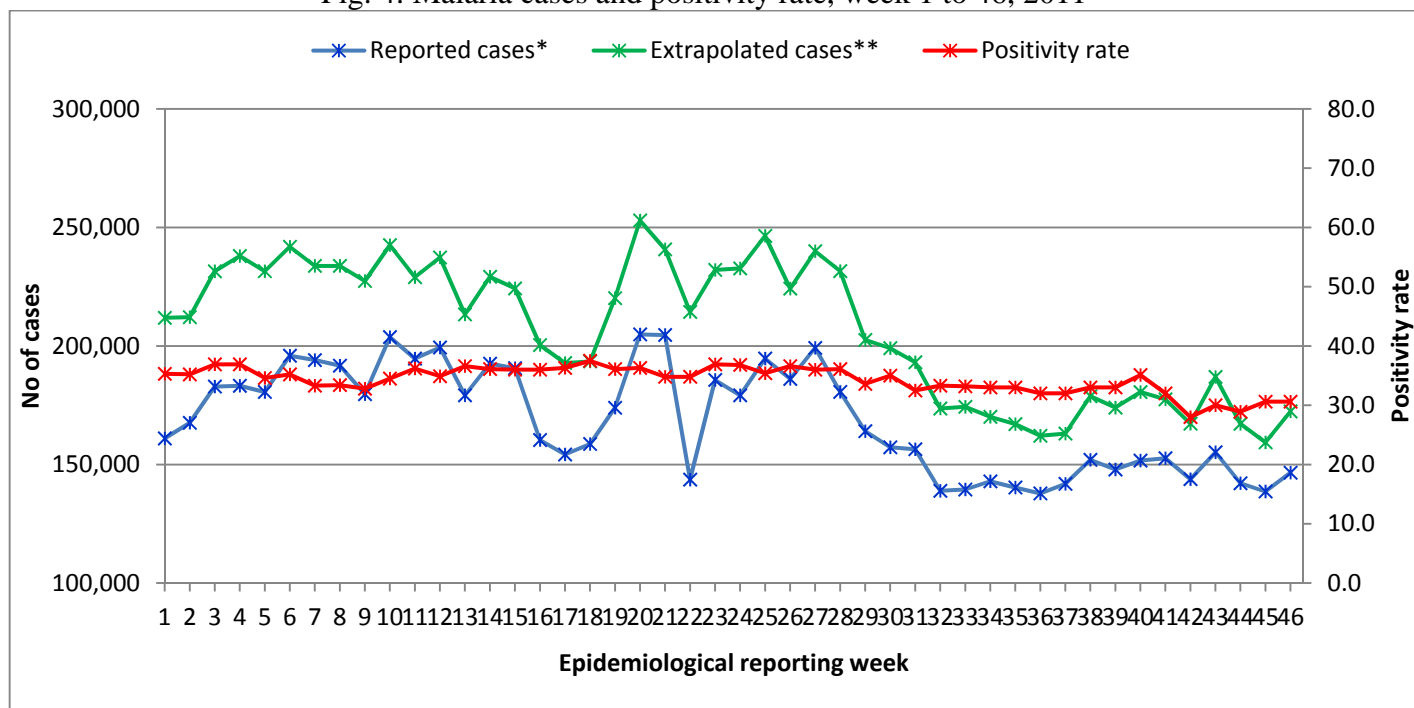


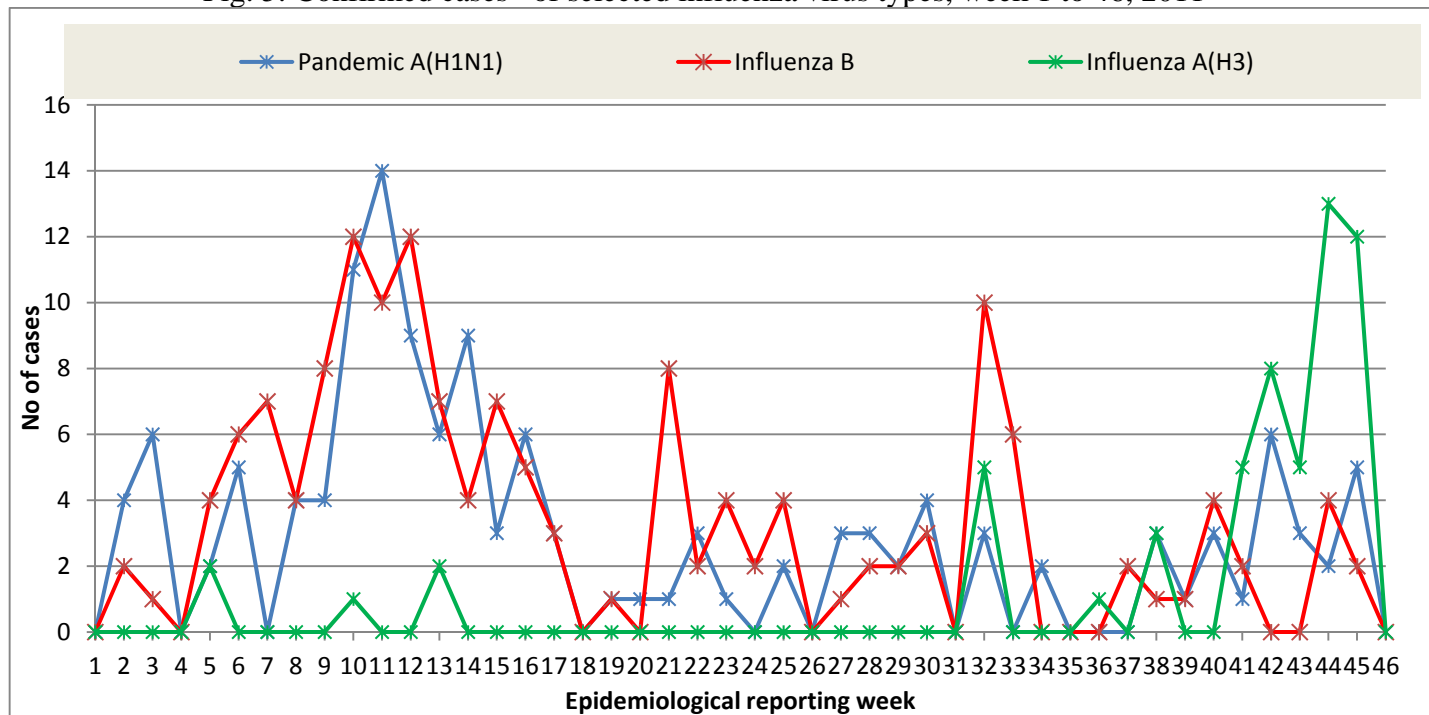
Fig. 4: Malaria cases and positivity rate, week 1 to 46, 2011



* 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 46, 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 increased from 90% in week 45 to 91% in week 46
 - The proportion of districts that reported also increased from 90% in week 45 to 93% in week 46
 - The intra-district average reporting rate decreased from 87% in week 45 to 85% in week 46
- ✦ Best performing provinces in week 46 of 2011:
 - District reporting rate: Nyanza, Nairobi and North Eastern Provinces had 100% district reporting while only 76% of districts in Central Province reported
 - Intra-district facility reporting rate: 99% of health facilities in Western province reported while only 77% of facilities reported in Central Province
- ✦ Most improved provinces in week 46 of 2011:
 - Intra-district facility RR: Nairobi (74% to 81%) and Coast (92% to 95%) Provinces improved the most. Performance in Nairobi (77% to 74%) and Coast (95% to 92%) Provinces declined the most
 - District reporting rate: Performance in Nairobi (78% to 100%), Nyanza (88% to 100%) and Rift Valley (81% to 92%) Provinces improved
- ✦ Fifty seven (29%) districts [an increase from fifty five (28%) districts in week 45] attained 100% intra-district reporting rate

Disease specific reports

Malaria

- ✦ Reported cases increased from 138,624 in week 45 to 146,552 in week 46
- ✦ Mortality reduced from 15 in week 45 to 4 in week 46
 - The deaths were reported from: Imenti North (3), Igembe South (1) and Bunyala(1) Districts
- ✦ Overall, 82,336 (56%) cases were laboratory tested, yielding a positivity rate of 30.6%

Cholera

- ✦ One hundred and ninety eight cases were reported in the week from Dadaab Refugee Camp

Measles

- ✦ 110 suspected cases (an increase from 103 in week 45) were reported from 21 districts, with no death reported
 - The cases were reported from: Suba (21), Trans Nzoia West (17), Mandera West (16), Mwingi (8), Lagdera (5), Kyuso (5), Taveta (4), Kamukunji (4), Rachuonyo North (3), Nyandarua North (3), Nyandarua South (3), Turkana South (3), Bondo (2), Isinya (2), Wajir West (2), Kisumu West (1), Masaba (1), Nakuru Central (1), Kakamega North (1), Chepalungu (1), Kilindini (1), Kwale (1), Masaba (1), Meru South (1), Kitui (1), Igembe South (1), Embu West (1) and Mumias (1) Districts
- ✦ The laboratory surveillance system received 37 case specimen from 16 districts.
 - Thirteen (35%) specimen tested positive for measles IgM.
 - The specimen were submitted from: Turkana North (4), Nairobi West (3), Kilifi (3), Migori (1), Malindi (1) and South Bungoma (1) Districts
- ✦ Six (16%) specimen tested positive for rubella

Dysentery

- ✦ Reported cases increased from 1306 in week 45 to 1442 in week 46 with no death reported

Typhoid fever

- ✦ Reported cases increased from 4,510 in week 45 to 5014 in week 46 with one death reported by Bungoma North District

AFP

- ✦ Three cases were reported in the week by Kiambu West, Nyandarua South and Kakamega Central Districts with no reported death
- ✦ All investigated cases tested negative for polio virus

Meningococcal Meningitis

- ✦ Fourteen cases were reported in the week by Laikipia East (6), Maara (3), Mukaa (2), Embu West (2) and Embu East (1) Districts with one death reported by Embu East District

NNT

- ✦ Zero cases were reported in the week

Influenza (Walter Reed Influenza Surveillance)

- ✦ No data from the lab

For comments please contact:

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 46

Province	District	Reports Expected	Reports Received	%RR	Malaria	Malaria Indicators			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
						Tested	Positive	Positivity											
Central																			
	Gatundu	42	38	90	251(0)	251	3	1.2	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kiambu West	44	36	81	260(0)	333	52	15.6	0(0)	117(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Kirinyaga Central	21	18	85	1022(0)	458	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)
	Muranga North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Muranga South	50	43	86	399(0)	577	23	4.0	0(0)	67(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	27	90	262(0)	709	50	7.1	0(0)	67(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	30	28	93	86(0)	168	22	13.1	0(0)	18(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Nyeri North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyeri South	54	34	62	207(0)	207	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	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kikuyu	28	26	92	141(0)	436	64	14.7	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ruiru	50	36	72	367(0)	488	169	34.6	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	108(0)	108	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	185(0)	401	17	4.2	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	4	19	5(0)	216	5	2.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwea West	10	5	50	109(0)	168	1	0.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																			
	Kaloleni	19	18	94	1323(0)	331	34	10.3	0(0)	1(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	45	33	73	1512(0)	659	75	11.4	0(0)	0(0)	61(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	40	100	1353(0)	2033	684	33.6	0(0)	8(0)	13(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	23	22	95	1148(0)	251	43	17.1	0(0)	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	21	100	1243(0)	917	140	15.3	0(0)	0(0)	16(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Lamu	34	33	97	543(0)	280	10	3.6	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	1118(0)	1145	53	4.6	0(0)	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Msambweni	21	21	100	175(0)	190	52	27.4	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	55	53	96	507(0)	1107	191	17.3	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Tana River	16	16	100	223(0)	62	21	33.9	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	14	14	100	423(0)	309	33	10.7	0(0)	1(0)	5(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																			
	Chalbi	11	8	72	128(0)	0	0	0.0	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu West	19	16	84	949(0)	750	107	14.3	0(0)	0(0)	0(0)	1(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	8	57	250(0)	10	2	20.0	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe South	35	27	77	1710(1)	1037	530	51.1	0(0)	30(0)	4(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	20	90	1338(0)	1536	874	56.9	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	55	100	1896(3)	3361	976	29.0	0(0)	77(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	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Isiolo	25	20	80	1073(0)	506	139	27.5	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	563(0)	275	17	6.2	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	85	66	77	2103(1)	897	386	43.0	0(0)	42(0)	24(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	30	23	76	678(0)	184	93	50.5	0(0)	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	8	66	184(0)	54	13	24.1	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	31	29	93	1133(0)	784	334	42.6	0(0)	34(0)	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	18	54	405(0)	733	89	12.1	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	44	44	100	1361(1)	498	96	19.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	12	6	50	203(0)	164	40	24.4	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere North	12	11	91	288(0)	142	79	55.6	0(0)	12(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	22	91	857(0)	324	38	11.7	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	25	22	88	936(0)	781	278	35.6	0(0)	9(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	23	21	91	212(0)	101	11	10.9	0(0)	30(0)	70(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Mutomo	28	23	82	413(0)	34	16	47.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	29	90	679(0)	448	76	17.0	0(0)	38(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	37	82	835(0)	0	0	0.0	0(0)	17(0)	54(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzau	22	18	81	414(0)	164	45	27.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	20	15	75	938(0)	447	155	34.7	0(0)	63(0)	61(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	15	53	838(0)	712	247	34.7	0(0)	31(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	20	18	90	552(0)	295	88	29.8	0(0)	33(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	25	25	100	1225(0)	1522	758	49.8	0(0)	20(0)	33(0)	0(0)	1(1)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	26	22	84	423(0)	589	175	29.7	0(0)	73(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe North	25	22	88	1076(0)	588	503	85.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	28	27	96	674(0)	276	70	25.4	0(0)	76(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	14	14	100	509(0)	445	46	10.3	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere South	22	22	100	432(0)	253	93	36.8	0(0)	5(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mukaa	19	16	84	892(0)	700	113	16.1	0(0)	0(0)	3(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																			
	Embakasi	30	29	96	1159(0)	449	158	35.2	0(0)	45(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	27	21	77	148(0)	69	30	43.5	0(0)	107(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Westlands	16	11	68	49(0)	125	33	26.4	0(0)	28(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	18	60	105(0)	344	105	30.5	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	20	18	90	660(0)	450	0	0.0	0(0)	420(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	50	36	72	805(0)	1179	179	15.2	0(0)	153(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	15	14	93	24(0)	61	15	24.6	0(0)	38(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	34	27	79	310(0)	157	47	29.9	0(0)	38(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	27	75	446(0)	465	76	16.3	0(0)	156(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
North Eastern																			
	Fafi	11	8	72	14(1)	32	0	0.0	0(0)	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	17	8	47	277(0)	714	169	23.7	0(0)	85(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	12	10	83	100(0)	200	34	17.0	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	105(0)	61	1	1.6	0(0)	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	7	6	85	163(0)	100	1	1.0	0(0)	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	6	75	159(0)	109	24	22.0	0(0)	34(0)	95(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Mandera West	8	7	87	128(0)	37	9	24.3	0(0)	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	14	93	322(0)	80	38	47.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	6	6	100	280(0)	23	6	26.1	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	9	75	206(0)	61	7	11.5	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	10	83	299(0)	82	51	62.2	0(0)	3(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera North	5	5	100	62(0)	58	6	10.3	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																			
	Bondo	27	24	88	1236(0)	554	208	37.5	0(0)	45(0)	6(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	21	77	1061(0)	242	3	1.2	0(0)	1(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	18	18	100	812(0)	201	136	67.7	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	599(0)	203	24	11.8	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	30	25	83	1121(0)	993	448	45.1	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	34	29	85	941(0)	907	45	5.0	0(0)	56(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	11	100	567(0)	499	329	65.9	0(0)	34(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	51	94	3898(0)	1727	814	47.1	0(0)	11(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	24	23	95	965(431)	664	173	26.1	0(0)	19(0)	14(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	11	68	340(0)	98	56	57.1	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	941(0)	116	38	32.8	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	18	17	94	100(0)	95	18	18.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	32	100	654(0)	331	11	3.3	0(0)	115(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	26	26	100	920(0)	292	231	79.1	0(0)	3(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	26	26	100	362(0)	218	3	1.4	0(0)	8(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	25	53	1731(0)	587	206	35.1	0(0)	15(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	16	13	81	5356(0)	1668	707	42.4	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarieda	22	20	90	1273(1)	862	316	36.7	0(0)	31(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	25	25	100	1448(0)	925	265	28.6	0(0)	50(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	30	27	90	1610(0)	303	127	41.9	0(0)	51(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbita	27	20	74	530(1)	418	115	27.5	0(0)	8(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatike	28	26	92	1230(0)	680	75	11.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ndhiwa	26	26	100	2939(0)	2307	699	30.3	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Nyamache	13	12	92	358(0)	0	0	0.0	0(0)	15(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	26	23	88	1562(0)	554	130	23.5	0(0)	58(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	14	93	419(0)	204	78	38.2	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	29	20	68	1287(0)	971	326	33.6	0(0)	53(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kenyenya	12	12	100	543(0)	277	34	12.3	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	836(0)	239	66	27.6	0(0)	30(0)	3(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marani	9	9	100	500(0)	322	23	7.1	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo North	26	5	19	275(0)	0	0	0.0	0(0)	0(0)	7(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira North	25	25	100	724(0)	216	11	5.1	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	NYAKACH	10	10	100	454(0)	159	22	13.8	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																			
	Baringo	31	28	90	457(0)	90	54	60.0	0(0)	31(0)	3(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	884(0)	307	18	5.9	0(0)	78(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	27	22	81	959(0)	404	95	23.5	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	18	15	83	377(0)	0	0	0.0	0(0)	24(0)	58(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	38	32	84	1052(0)	268	85	31.7	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	29	72	1170(0)	557	213	38.2	0(0)	73(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	30	20	66	593(0)	187	24	12.8	0(0)	14(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	18	18	100	377(0)	110	13	11.8	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	12	9	75	1003(0)	483	57	11.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	41	30	73	775(0)	237	3	1.3	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	38	33	86	2272(0)	173	46	26.6	0(0)	4(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	18	100	1004(0)	530	262	49.4	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	224(0)	45	0	0.0	0(0)	18(0)	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	7	77	46(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	30	30	100	612(0)	0	0	0.0	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	25	17	68	380(0)	0	0	0.0	0(0)	16(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	33	24	72	623(0)	49	12	24.5	0(0)	19(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	West																		
	Molo	9	8	88	261(0)	0	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)
	Naivasha	36	35	97	971(0)	442	136	30.8	0(0)	53(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru Central	45	43	95	300(0)	551	24	4.4	0(0)	103(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	46	41	89	1240(0)	466	119	25.5	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	18	69	519(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)
	Nandi East	32	27	84	834(2)	366	56	15.3	0(0)	8(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	20	83	801(0)	263	67	25.5	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	784(0)	93	41	44.1	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	32	100	484(0)	340	92	27.1	0(0)	40(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	25	83	521(0)	259	49	18.9	0(0)	81(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	19	95	546(0)	130	48	36.9	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	11	73	826(0)	670	346	51.6	0(0)	18(0)	4(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	176(0)	0	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)
	Sotik	31	30	96	1047(0)	195	13	6.7	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	10	100	259(0)	155	29	18.7	0(0)	13(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	48	26	54	643(0)	200	0	0.0	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	17	73	643(0)	741	281	37.9	0(0)	117(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	24	100	1876(0)	561	152	27.1	0(0)	0(0)	7(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	46	36	78	2502(0)	702	346	49.3	0(0)	2(0)	68(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	13	50	831(1)	1540	471	30.6	0(0)	5(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	15	4	26	261(0)	19	10	52.6	0(0)	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	36	94	864(0)	722	162	22.4	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	22	91	1897(0)	714	226	31.7	0(0)	55(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Belgut	19	15	78	924(0)	268	33	12.3	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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	Kuresoi	32	24	75	239(0)	141	22	15.6	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njoro	25	12	48	337(0)	0	0	0.0	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marigat	16	14	87	388(0)	43	24	55.8	0(0)	22(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	28	21	75	699(0)	77	23	29.9	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	22	14	63	257(0)	63	16	25.4	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Chepalungu	21	21	100	722(0)	139	10	7.2	0(0)	18(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isinya	15	13	86	378(0)	204	39	19.1	0(0)	56(0)	12(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Keiyo South	32	27	84	446(0)	42	34	81.0	0(0)	21(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	1249(1)	1342	645	48.1	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	957(0)	582	313	53.8	0(0)	35(1)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Bungoma West	9	9	100	961(0)	535	197	36.8	0(0)	50(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	7	100	1012(1)	635	217	34.2	0(0)	4(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	19	19	100	2259(0)	1328	800	60.2	0(0)	77(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	10	100	1213(0)	624	284	45.5	0(0)	59(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	23	100	334(0)	237	67	28.3	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	13	100	802(0)	716	210	29.3	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	30	30	100	2884(0)	1669	581	34.8	0(0)	138(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Kakamega East	14	14	100	1026(0)	983	181	18.4	0(0)	20(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North	20	20	100	1208(2)	448	314	70.1	0(0)	53(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South	11	11	100	874(0)	336	231	68.8	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	14	14	100	873(0)	112	15	13.4	0(0)	55(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	16	16	100	842(0)	780	297	38.1	0(0)	53(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	14	14	100	1446(0)	734	208	28.3	0(0)	10(0)	3(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Teso North	11	11	100	1287(2)	282	35	12.4	0(0)	27(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Vihiga	10	10	100	662(0)	711	272	38.3	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Matungu	10	10	100	1341(0)	570	316	55.4	0(0)	136(0)	67(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Teso South	9	9	100	1471(0)	466	215	46.1	0(0)	44(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Lukuyani	10	10	100	670(0)	113	18	15.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Matete	7	7	100	562(0)	125	14	11.2	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Sabatia	12	12	100	714(0)	510	179	35.1	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Butula	13	13	100	1191(0)	636	315	49.5	0(0)	65(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Khwisero	14	14	100	787(0)	363	142	39.1	0(0)	17(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)	431	145	33.6	0(0)	25(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kimilili Bungoma	8	8	100	550(0)	420	237	56.4	0(0)	65(0)	8(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 46 summary	198 (0)	1,442 (0)	146,552 (4)	82,336	25,154	110 (0)	14 (1)	5,014 (1)	0 (0)	3 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	337 (2)	52,922 (17)	7,771,938 (1,076)	3,907,113	1,339,913	2,972 (10)	114 (5)	250,673 (12)	11 (3)	81 (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

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)

MM: Meningococcal Meningitis

VHF: Viral Hemorrhagic Fever

NEP: North Eastern Province

% RR: Health Facility reporting rate for this week