



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 13

Week Ending 1st April 2012

Provincial & national surveillance indicators for week 13

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	17	16	16	79	94	100	90
Coast	13	13	13	98	100	100	99
Eastern	36	32	32	83	89	100	89
Nairobi	9	9	9	69	100	100	90
N. Eastern	12	12	12	84	100	100	95
Nyanza	35	35	35	88	100	100	96
R. Valley	56	47	47	81	84	100	86
Western	28	25	25	97	89	100	94
National	206	189	189	84	92	100	91

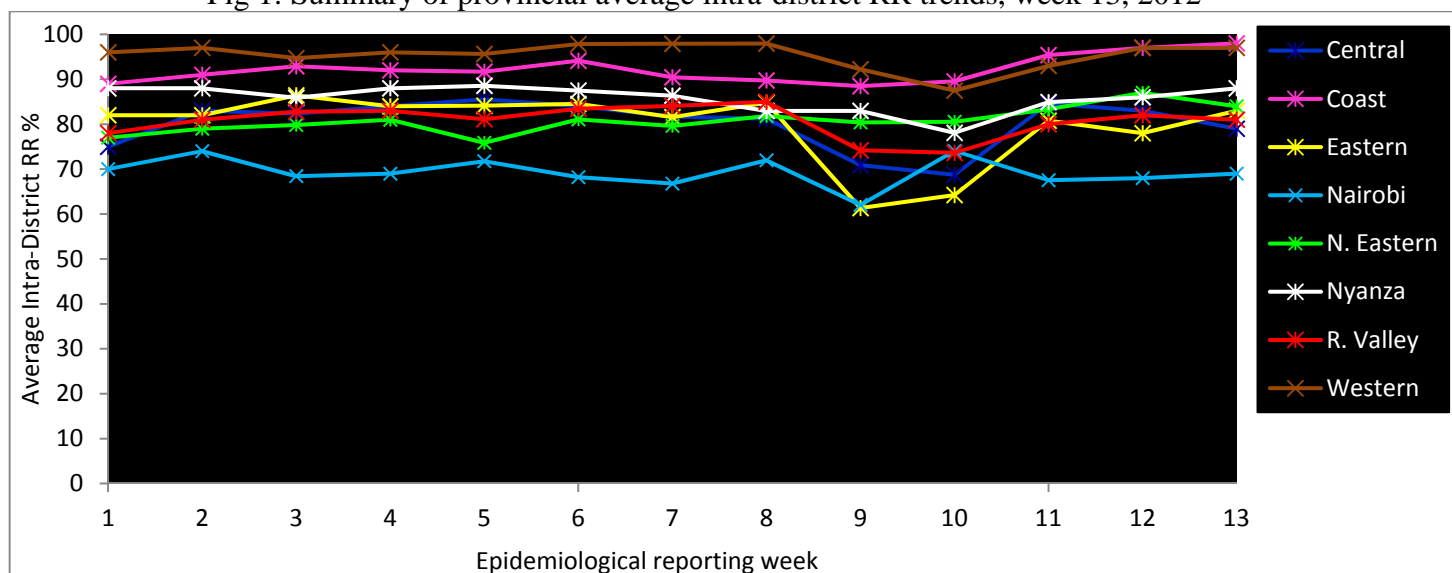
✚ Overall IDSR reporting performance improved in week 13 compared to week 12

✚ Suspected measles specimen analysis still ongoing for week 12 and 13

✚ Total confirmed measles cases in the country now 692 by week 11

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Fig 1: Summary of provincial average intra-district RR trends, week 13, 2012



Reports not received from the following 17 districts

Kiambu East, Garbatula, Moyale, Mwingi, Embu East, Buret, East Pokot, Eldoret West, Kericho East, Nakuru Central, Samburu East, Samburu North, Sotik, Njoro, Kakamega South, Lukuyani, and Bungoma Central

Fig. 2: Confirmed measles cases (n=692), week 11, 2012

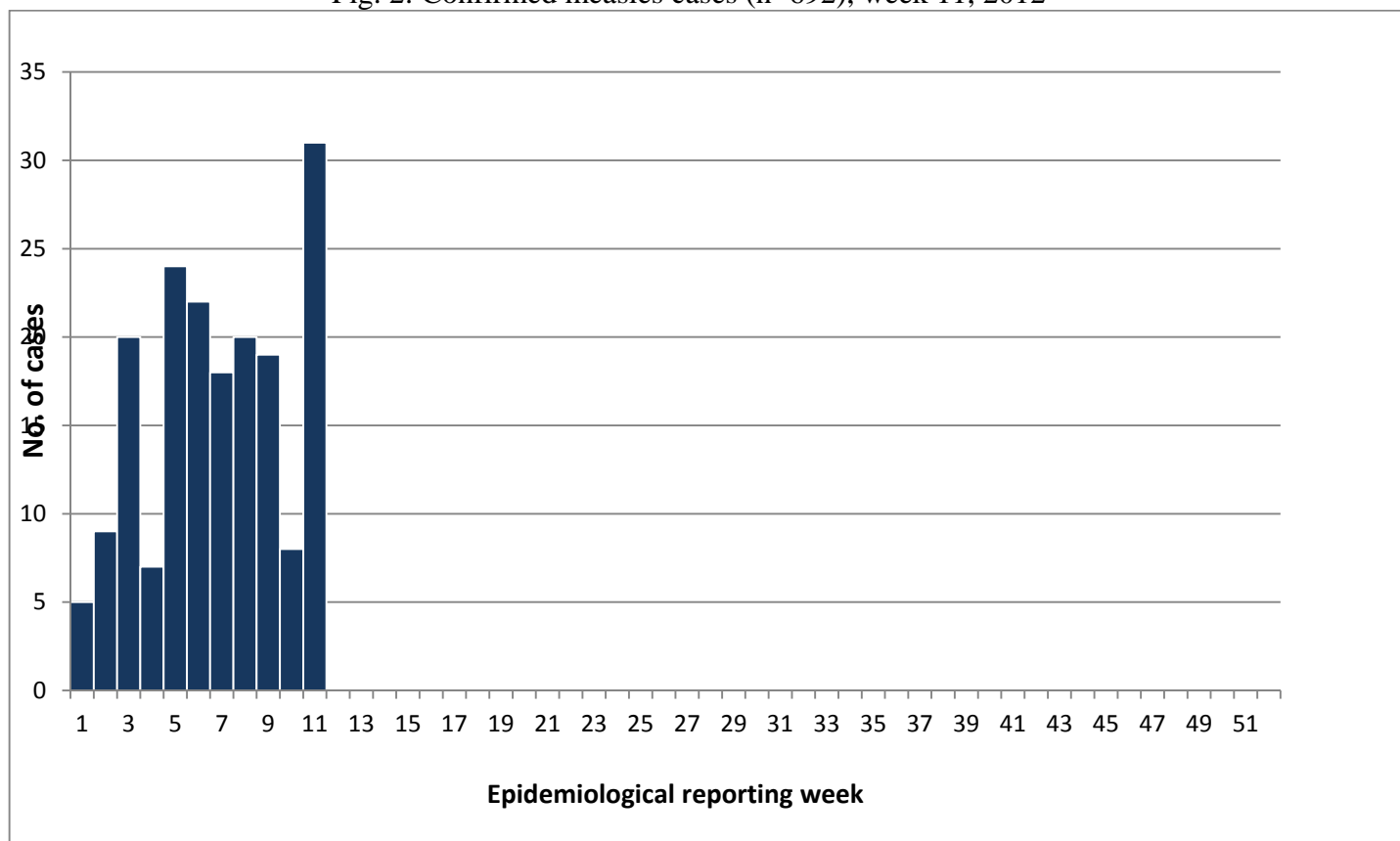
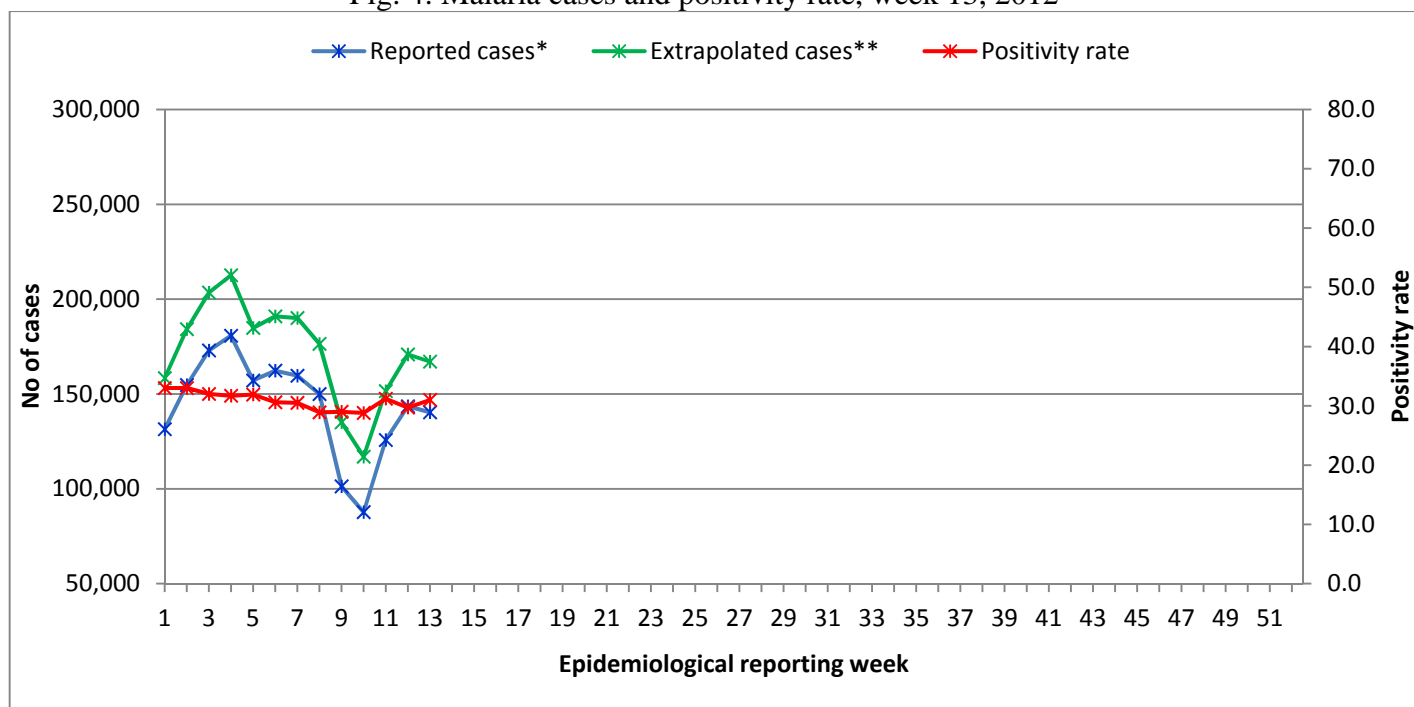


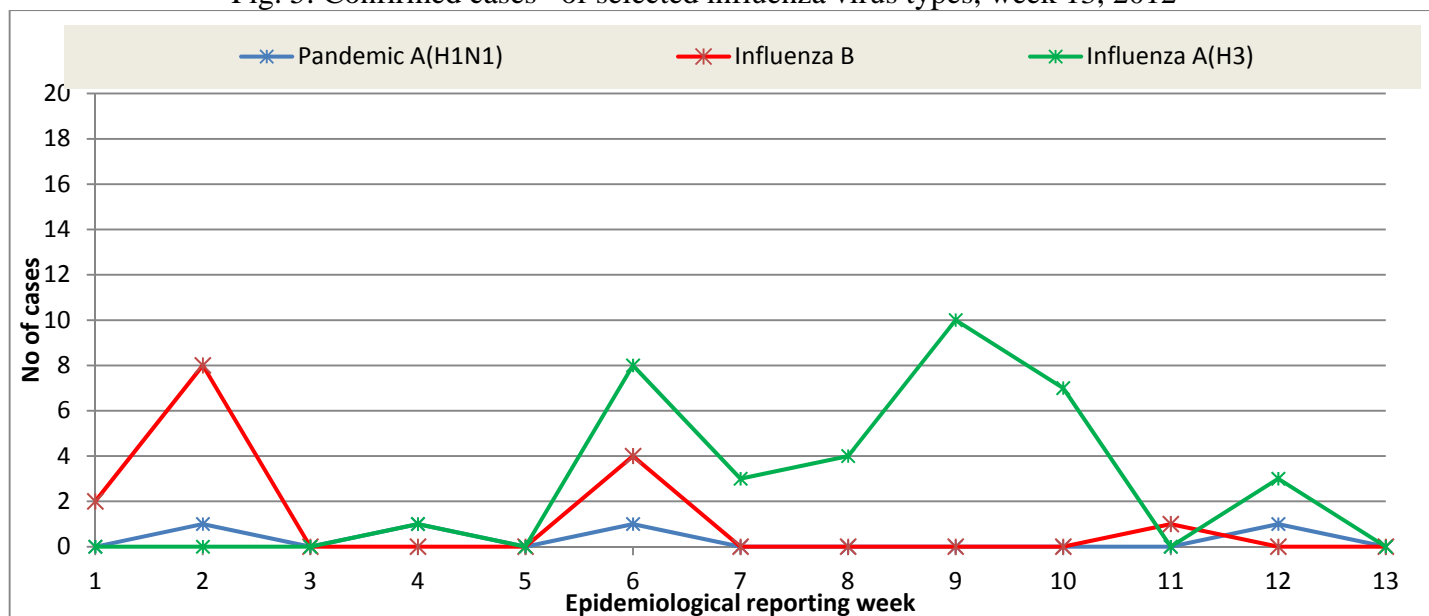
Fig. 4: Malaria cases and positivity rate, week 13, 2012



* 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 13, 2012



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

Highlights of the week

<ul style="list-style-type: none"> ✦ Nationally: <ul style="list-style-type: none"> □ The surveillance weighted aggregate score increased from 89% in week 12 to 91% in week 13 □ The proportion of districts that reported increased from 89% in week 12 to 92% in week 13 □ The intra-district average reporting rate stabilized at 84% in week 13 ✦ Best performing provinces in week 13 of 2012: <ul style="list-style-type: none"> □ District reporting rate: Coast, Nyanza, Nairobi and North Eastern Provinces had 100% district reporting while only 84% of districts in Rift Valley Province reported □ Intra-district facility reporting rate: 98% of health facilities in Coast Province reported while only 69% of facilities reported in Nairobi Province ✦ Most improved provinces in week 13 of 2012: <ul style="list-style-type: none"> □ Intra-district facility RR: Performance in Eastern (78% to 83%) Province improved the most. Performance in Central (83% to 79%) Province declined the most □ District reporting rate: Performance in Nyanza (74% to 100%) Province improved the most ✦ Seventy three (35%) districts [an increase from seventy (34%) districts in week 13] attained 100% intra-district reporting rate 	<div style="background-color: #d1c4e9; padding: 5px; margin-bottom: 5px;">Measles</div> <ul style="list-style-type: none"> ✦ 184 suspected cases (an increase from 130 in week 12) were reported from 31 districts, with no reported death. <ul style="list-style-type: none"> □ The cases were reported from: Igembe North (63), Igembe South (46), Narok South (8), Meru South (6), Lagdera (5), Mandera North (5), Narok North (5), Turkana Central (5), Mandera West (4), Kilindini (3), Kisii Central (3), Bunyala (2), Kajiado (2), Nyamira (2), Nyando (2), Wajir South (2), Maara (2), Kyuso (2), Kitui (2), Imenti North (2), Taveta (2), Malindi (2), Muranga South (1), Nyandarua North (1), Mombasa (1), Wajir West (1), Kisumu West (1), Muhoroni (1), Laikipia East (1), Molo (1) and Kajiado North (1) Districts ✦ The laboratory surveillance system received case specimen from districts. <ul style="list-style-type: none"> □ Analysis for week 12 and 13 still ongoing <div style="background-color: #d1c4e9; padding: 5px; margin-bottom: 5px;">Dysentery</div> <ul style="list-style-type: none"> ✦ Reported cases increased from 842 in week 12 to 1083 in week 13 with no reported deaths <div style="background-color: #d1c4e9; padding: 5px; margin-bottom: 5px;">Typhoid fever</div> <ul style="list-style-type: none"> ✦ Reported cases increased from 5,047 in week 12 to 5,102 in week 13 with no reported deaths <div style="background-color: #d1c4e9; padding: 5px; margin-bottom: 5px;">AFP</div> <ul style="list-style-type: none"> ✦ Five cases were reported in the week by Manga (2), Nyandarua South (2) and Koibatek (1) Districts with no reported death <div style="background-color: #d1c4e9; padding: 5px; margin-bottom: 5px;">Meningococcal Meningitis</div> <ul style="list-style-type: none"> ✦ Three cases was reported in the week by Embu West (2) and Maara (1) Districts with no reported death <div style="background-color: #d1c4e9; padding: 5px; margin-bottom: 5px;">NNT</div> <ul style="list-style-type: none"> ✦ Zero cases were reported in the week <div style="background-color: #d1c4e9; padding: 5px; margin-bottom: 5px;">Influenza (Walter Reed Influenza Surveillance)</div> <ul style="list-style-type: none"> ✦ No data
<div style="background-color: #d1c4e9; padding: 10px; text-align: center; margin: 10px 0;"> Disease specific reports </div> <div style="background-color: #d1c4e9; padding: 5px; margin-bottom: 5px;">Malaria</div> <ul style="list-style-type: none"> ✦ Reported cases decreased from 143,513 in week 12 to 140,342 in week 13 ✦ Mortality increased from 12 in week 12 to 8 in week 13 <ul style="list-style-type: none"> □ The deaths were reported from: Imenti North (4), Nandi East (1), Bungoma East (1), Butere(1) and Kakamega North (1) Districts ✦ Overall, 86,068 (61%) cases were laboratory tested, yielding a positivity rate of 31% <div style="background-color: #d1c4e9; padding: 5px; margin-bottom: 5px;">Cholera</div> <ul style="list-style-type: none"> ✦ Zero cases were reported in the week 	

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 13

Province	District	Reports Expected	Reports Received	%RR	Malaria Indicators				Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	Other VHF's	Other *	AFP	NNT
					Cases	Tested	Positive	Positivity rate											
Central																			
	Gatundu	42	38	90	188(0)	190	3	1.6	0(0)	3(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	241(0)	500	88	17.6	0(0)	59(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga Central	21	15	71	310(0)	205	175	85.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga North	49	40	81	305(0)	51	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 South	51	32	62	564(0)	546	31	5.7	0(0)	116(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	27	90	262(0)	853	61	7.2	0(0)	135(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	30	27	90	69(0)	224	7	3.1	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	2(0)	0(0)
	Nyeri North	70	70	100	36(0)	365	9	2.5	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	36	66	79(0)	79	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	52	83	584(0)	413	5	1.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kikuyu	28	24	85	46(0)	191	30	15.7	0(0)	14(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ruiru	50	34	68	277(0)	679	121	17.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga West	24	6	25	96(0)	72	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	23	23	100	237(0)	460	2	0.4	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	10	47	7(0)	299	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)
	Mwea West	11	10	90	213(0)	328	5	1.5	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	19	95	839(0)	252	75	29.8	0(0)	0(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	45	41	91	1724(0)	693	57	8.2	0(0)	13(0)	69(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	40	100	1265(0)	1376	522	37.9	0(0)	6(0)	4(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	23	23	100	1140(0)	397	222	55.9	0(0)	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	24	24	100	1245(0)	894	195	21.8	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	34	34	100	655(0)	333	8	2.4	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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	Malindi	47	47	100	895(0)	857	63	7.4	0(0)	0(0)	45(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	35	100	1372(0)	3020	460	15.2	0(0)	2(0)	7(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	20	95	73(0)	1302	327	25.1	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	56	54	96	482(0)	364	278	76.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	17	17	100	440(0)	172	11	6.4	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	15	15	100	430(0)	184	50	27.2	0(0)	4(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	14	14	100	473(0)	501	27	5.4	0(0)	6(0)	6(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																			
	Chalbi	11	7	63	55(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)
	Embu West	19	15	78	1068(0)	785	122	15.5	0(0)	0(0)	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Igembe South	32	23	71	2315(0)	742	488	65.8	0(0)	0(0)	0(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	22	100	1148(0)	1645	750	45.6	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	38	38	100	1901(4)	2603	710	27.3	0(0)	29(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	64	62	96	2889(0)	3184	1567	49.2	0(0)	66(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	18	6	33	303(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)
	Kangundo	30	27	90	590(0)	130	51	39.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	31	31	100	1221(0)	618	53	8.6	0(0)	72(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	86	70	81	2446(0)	1565	763	48.8	0(0)	6(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	30	15	50	559(0)	186	79	42.5	0(0)	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	8	66	51(0)	47	33	70.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	31	31	100	2105(0)	1028	501	48.7	0(0)	40(0)	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	15	45	145(0)	268	19	7.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	44	44	100	1297(0)	557	33	5.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	10	6	60	228(0)	228	22	9.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere North	12	11	91	906(0)	589	188	31.9	0(0)	46(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni West	12	11	91	350(0)	204	17	8.3	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	27	21	77	1294(0)	1038	523	50.4	0(0)	19(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mutomo	35	25	71	634(0)	70	16	22.9	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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	Mwala	32	28	87	786(0)	327	40	12.2	0(0)	88(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nzau	23	23	100	531(0)	84	18	21.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	15	15	100	1819(0)	990	86	8.7	0(0)	112(0)	102(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	38	32	84	2777(0)	1224	462	37.7	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	24	19	79	615(0)	503	136	27.0	0(0)	27(0)	3(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	18	69	610(0)	531	147	27.7	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe North	25	15	60	1012(0)	743	437	58.8	0(0)	0(0)	0(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	32	30	93	939(0)	393	66	16.8	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	14	14	100	780(0)	543	102	18.8	0(0)	53(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere South	25	25	100	1050(0)	397	119	30.0	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mukaa	17	16	94	428(0)	338	28	8.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni East	11	10	90	223(0)	0	0	0.0	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Nairobi

	Embakasi	66	38	57	415(0)	317	40	12.6	0(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	27	19	70	126(0)	79	19	24.1	0(0)	77(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Westlands	16	11	68	90(0)	80	21	26.3	0(0)	70(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	22	73	26(0)	503	26	5.2	0(0)	15(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	23	13	56	410(0)	230	0	0.0	0(0)	220(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	50	35	70	558(0)	810	125	15.4	0(0)	210(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	23	19	82	77(0)	130	12	9.2	0(0)	69(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	34	27	79	341(0)	211	69	32.7	0(0)	43(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	26	72	185(0)	307	75	24.4	0(0)	62(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

North Eastern

	Fafi	11	8	72	39(0)	68	7	10.3	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	14	14	100	310(0)	697	104	14.9	0(0)	80(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	12	9	75	11(0)	398	22	5.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	11	8	72	66(0)	44	1	2.3	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	122(0)	68	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)
	Mandera	8	6	75	77(0)	74	16	21.6	0(0)	16(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	East																		
	Mandera West	12	8	66	182(0)	31	7	22.6	0(0)	2(0)	1(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	15	100	197(0)	197	91	46.2	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	5	83	174(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)
	Wajir South	12	11	91	43(0)	129	14	10.9	0(0)	3(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	10	83	207(0)	55	27	49.1	0(0)	50(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera North	5	5	100	62(0)	57	2	3.5	0(0)	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																			
	Bondo	26	26	100	1639(0)	760	232	30.5	0(0)	46(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	23	85	1179(0)	237	7	3.0	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	18	18	100	923(0)	318	168	52.8	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	19	100	806(0)	392	40	10.2	0(0)	5(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	30	25	83	738(0)	434	234	53.9	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	34	29	85	988(0)	640	42	6.6	0(0)	79(0)	23(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	11	100	721(0)	324	49	15.1	0(0)	28(0)	79(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	52	96	2950(0)	1394	602	43.2	0(0)	31(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	25	24	96	1641(0)	522	132	25.3	0(0)	25(0)	16(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	10	62	206(0)	66	23	34.8	0(0)	28(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	23	95	908(0)	279	57	20.4	0(0)	3(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	18	17	94	74(0)	73	15	20.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	2(0)	0(0)
	Masaba North	16	16	100	426(0)	294	21	7.1	0(0)	123(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	26	24	92	622(0)	275	91	33.1	0(0)	11(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	26	26	100	1076(0)	462	12	2.6	0(0)	6(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	11	10	90	727(0)	587	227	38.7	0(0)	13(0)	12(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo South	35	13	37	2571(0)	1102	301	27.3	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarieda	23	23	100	1133(0)	953	229	24.0	0(0)	41(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	26	26	100	950(0)	717	171	23.8	0(0)	49(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	31	30	96	1675(0)	307	113	36.8	0(0)	11(0)	68(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbita	27	22	81	523(0)	229	85	37.1	0(0)	1(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Nyatike	28	28	100	1576(0)	649	118	18.2	0(0)	21(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ndhiwa	26	21	80	1011(0)	164	62	37.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamache	13	13	100	429(0)	203	21	10.3	0(0)	15(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	26	21	80	1250(0)	533	289	54.2	0(0)	65(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	15	100	653(0)	218	133	61.0	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	31	31	100	2068(0)	1216	421	34.6	0(0)	82(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kenyenyia	13	13	100	645(0)	177	13	7.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	19	17	89	902(0)	277	172	62.1	0(0)	5(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marani	9	9	100	376(0)	217	9	4.1	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo North	26	6	23	235(0)	110	62	56.4	0(0)	10(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira North	27	24	88	624(0)	199	4	2.0	0(0)	2(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyakach	16	13	81	839(0)	90	21	23.3	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba South	16	16	100	634(0)	229	38	16.6	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muhoroni	21	20	95	1346(0)	736	180	24.5	0(0)	1(0)	1(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																			
	Baringo	31	23	74	453(0)	113	50	44.2	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	30	81	554(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)
	Bomet	23	22	95	972(0)	335	27	8.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	East Pokot	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Eldoret East	40	32	80	1309(0)	380	81	21.3	0(0)	35(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	25	83	509(0)	263	46	17.5	0(0)	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	19	19	100	411(0)	198	47	23.7	0(0)	39(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	28	68	885(0)	686	14	2.0	0(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	41	38	92	892(0)	205	38	18.5	0(0)	16(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Kwanza	19	15	78	707(0)	333	149	44.7	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	170(0)	83	0	0.0	0(0)	21(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia	9	7	77	39(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)

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	North																		
	Laikipia West	21	21	100	545(0)	297	63	21.2	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	25	18	72	366(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)
	Marakwet West	33	29	87	640(0)	181	17	9.4	0(0)	55(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	25	12	48	196(0)	0	0	0.0	0(0)	0(0)	6(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	36	33	91	1040(0)	562	232	41.3	0(0)	0(0)	0(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	33	27	81	592(0)	424	147	34.7	0(0)	108(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	14	53	310(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	25	78	732(1)	301	64	21.3	0(0)	15(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	24	100	1123(0)	538	106	19.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	30	21	70	443(0)	215	26	12.1	0(0)	37(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	32	100	379(0)	505	128	25.3	0(0)	22(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	21	70	443(0)	215	26	12.1	0(0)	40(0)	6(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	19	95	433(0)	128	22	17.2	0(0)	57(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	9	60	224(0)	230	42	18.3	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu Central	25	16	64	330(0)	0	0	0.0	0(0)	33(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Samburu North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Sotik	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Tinderet	10	10	100	155(0)	106	11	10.4	0(0)	29(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	50	32	64	949(0)	417	4	1.0	0(0)	58(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	24	24	100	984(0)	905	314	34.7	0(0)	134(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	25	25	100	1452(0)	648	183	28.2	0(0)	8(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	49	40	81	1842(0)	710	301	42.4	0(0)	55(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana	27	23	85	699(0)	558	95	17.0	0(0)	15(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	North																		
	Turkana South	26	13	50	394(0)	642	75	11.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	39	32	82	1262(0)	724	225	31.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	30	24	80	650(0)	330	84	25.5	0(0)	22(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Belgut	19	14	73	468(0)	256	15	5.9	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuresoi	32	23	71	689(0)	0	0	0.0	0(0)	183(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	16	100	529(0)	180	17	9.4	0(0)	36(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	28	21	75	363(0)	63	24	38.1	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	22	22	100	440(0)	107	32	29.9	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Chepalungu	21	21	100	832(0)	171	10	5.8	0(0)	11(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isinya	16	14	87	340(0)	0	0	0.0	0(0)	41(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	30	20	66	1111(0)	472	210	44.5	0(0)	76(0)	7(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo South	32	27	84	634(0)	45	31	68.9	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyahururu	12	11	91	367(0)	189	46	24.3	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Subukia	14	10	71	184(0)	48	32	66.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongai	19	13	68	615(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)
Western																			
	Bungoma East	13	13	100	1085(1)	1203	944	78.5	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	1429(0)	749	389	51.9	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	21	21	100	2256(0)	1443	732	50.7	0(0)	93(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	9	9	100	911(0)	730	343	47.0	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	7	100	1022(0)	437	134	30.7	0(0)	5(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	19	19	100	2065(0)	1300	794	61.1	0(0)	64(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	10	100	1296(1)	493	206	41.8	0(0)	45(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	23	100	1330(0)	159	93	58.5	0(0)	55(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	17	17	100	1088(0)	394	109	27.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	29	29	100	2988(0)	2630	1615	61.4	0(0)	91(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega	14	14	100	943(0)	571	136	23.8	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	East																		
	Kakamega North	20	20	100	1186(1)	499	345	69.1	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Lugari	14	14	100	1277(0)	100	9	9.0	0(0)	34(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	16	16	100	680(0)	649	135	20.8	0(0)	43(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	18	18	100	1606(0)	790	260	32.9	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	11	11	100	673(0)	108	50	46.3	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso North	11	11	100	1162(0)	211	33	15.6	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	10	10	100	802(0)	844	429	50.8	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	7	7	100	1169(0)	489	309	63.2	0(0)	36(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso South	10	10	100	1489(0)	493	239	48.5	0(0)	45(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lukuyani	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Matete	7	7	100	426(0)	76	22	28.9	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sabatia	12	12	100	959(0)	398	134	33.7	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butula	13	13	100	1210(0)	663	344	51.9	0(0)	40(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Khwisero	14	14	100	973(0)	281	118	42.0	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma Central	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kimilili Bungoma	9	9	100	457(0)	367	200	54.5	0(0)	44(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 13 summary	0 (0)	1083 (0)	140,342 (8)	86,068	26,643	184 (0)	3 (0)	5,102 (0)	0 (0)	5 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	0 (0)	13,273 (5)	1,867,312 (159)	1,019,264	314,832	1,566 (2)	29 (1)	62,727 (10)	0 (0)	15 (0)	0 (0)	0 (0)	0 (0)

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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)