



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 16

Week Ending 22nd April 2012

Provincial & national surveillance indicators for week 16

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	17	14	14	83	82	100	86
Coast	13	13	13	97	100	100	99
Eastern	39	36	36	83	92	100	91
Nairobi	9	7	7	71	78	100	79
N. Eastern	12	12	12	84	100	100	95
Nyanza	35	35	35	94	100	100	98
R. Valley	56	56	56	85	100	100	95
Western	28	28	28	99	100	100	100
National	209	201	201	87	96	100	94

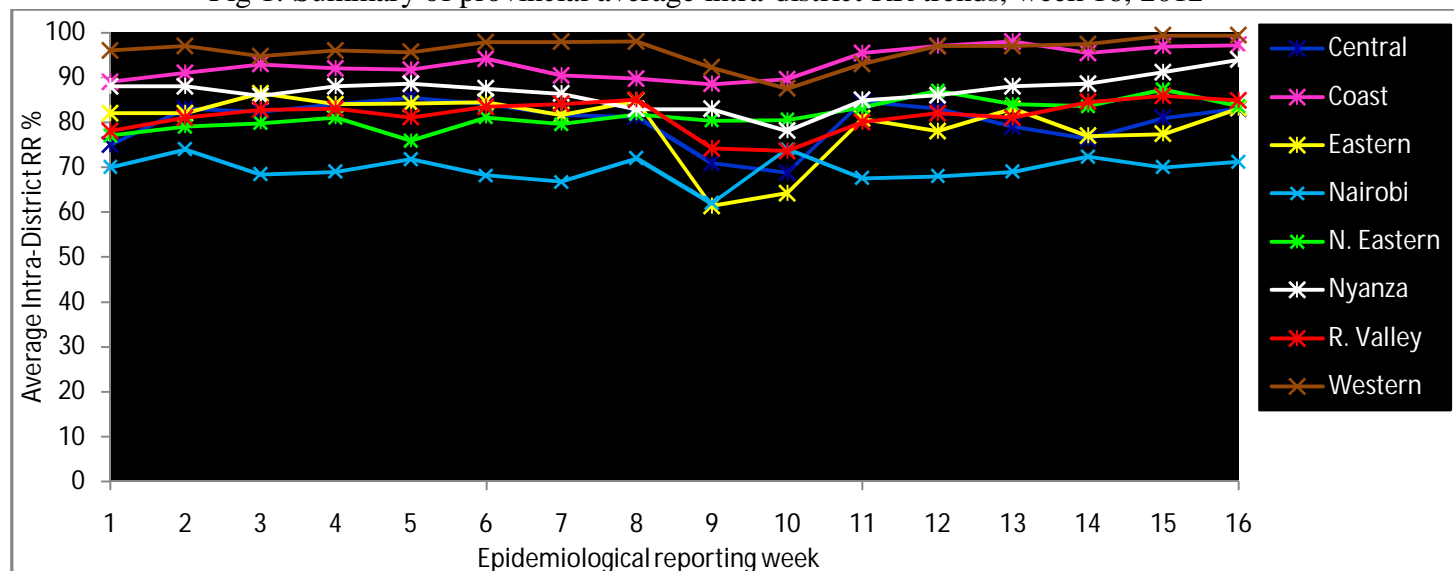
✦ Overall IDSR reporting performance stabilized in week 16

✦ Suspected measles specimen analysis still ongoing for week 16

✦ Total confirmed measles cases in the country in 2012 is 244 by week 15

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Fig 1: Summary of provincial average intra-district RR trends, week 16, 2012



Reports not received from the following 8 districts

Kirinyaga West, Kirinyaga East, Mwea West, Kitui, Buuri, Tigania East, Kasarani and Starehe

Fig. 2: Confirmed measles cases (n=244), week 15, 2012

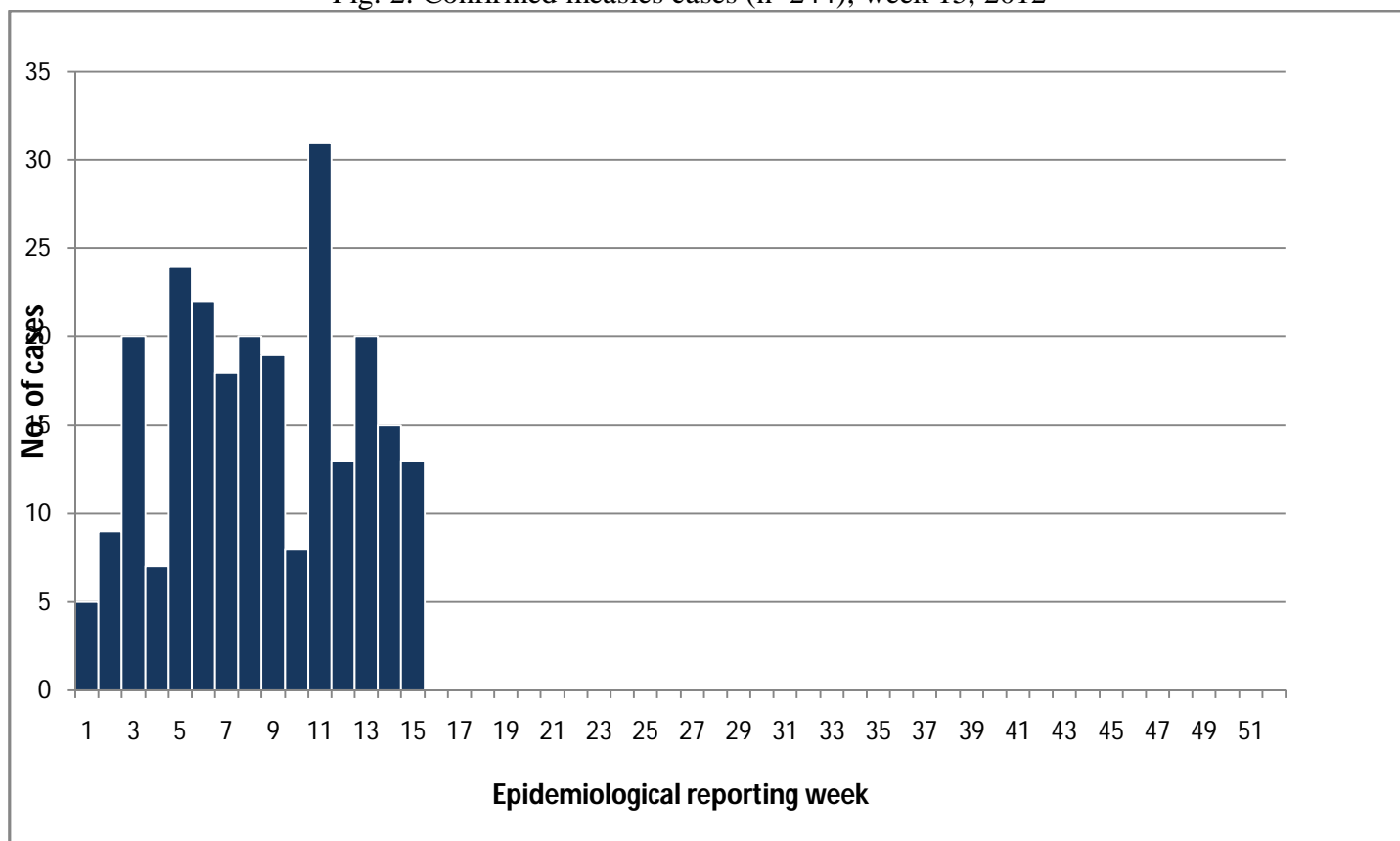
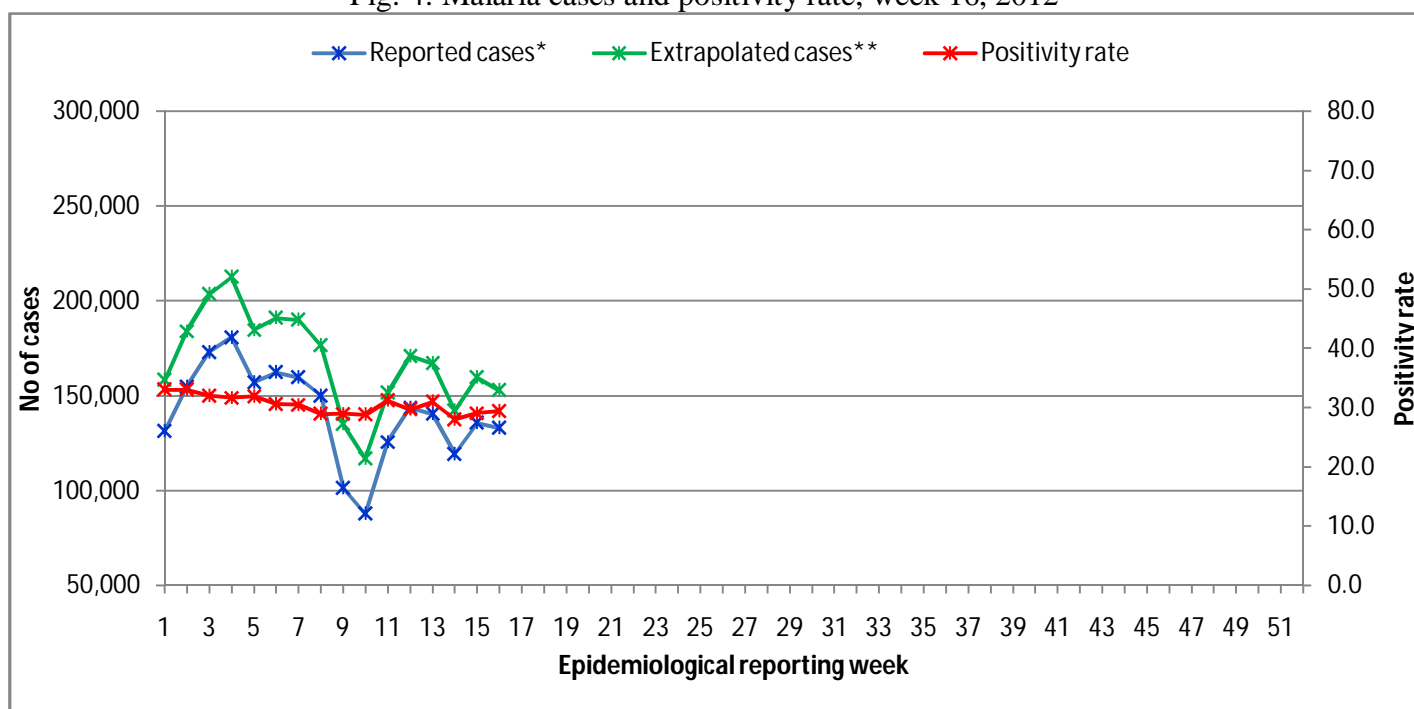


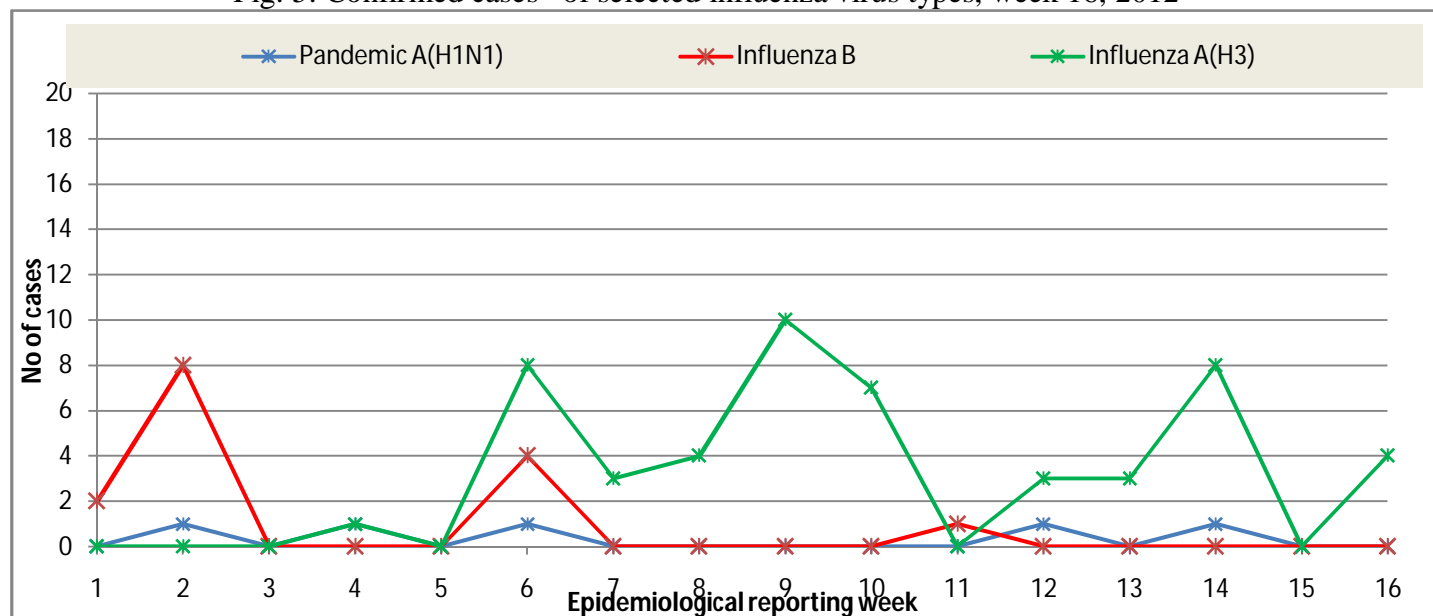
Fig. 4: Malaria cases and positivity rate, week 16, 2012



* 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 16, 2012



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

Highlights of the week

<p>✦ Nationally:</p> <ul style="list-style-type: none"> □ The surveillance weighted aggregate score stabilized at 94% in week 16 □ The proportion of districts that reported decreased from 99% in week 15 to 96% in week 16 □ The intra-district average reporting rate increased from 85% in week 15 to 87% in week 16 <p>✦ Best performing provinces in week 16 of 2012:</p> <ul style="list-style-type: none"> □ District reporting rate: All provinces had 100% district reporting except for Eastern (92%), Central (82%) and Nairobi (78%) □ Intra-district facility reporting rate: 99% of health facilities in Western Province reported while only 71% of facilities reported in Nairobi Province <p>✦ Most improved provinces in week 16 of 2012:</p> <ul style="list-style-type: none"> □ Intra-district facility RR: Performance in Eastern (77% to 83%) Province improved the most. Performance in North Eastern (87% to 84%) Province declined the most □ District reporting rate: Performance in North Eastern (92% to 100%) Province improved the most. Performance in Nairobi (100% to 78%) and Central (100% to 82%) Provinces declined the most <p>✦ Eighty two (39.2%) districts [marginal increase from eighty one (39%) districts in week 15] attained 100% intra-district reporting rate</p>	<p>Measles</p> <p>✦ 238 suspected cases (an increase from 221 in week 15) were reported from 37 districts, with no reported death.</p> <ul style="list-style-type: none"> □ The cases were reported from: Igembe North (86), Igembe South (32), Narok North (19), Trans Mara (16), Narok South (11), Wajir South (6), Turkana Central (6), Lagdera (5), Laikipia East (5), Kakamega South (5), Malindi (4), Kisumu East (4), Butula (4), Nyandarua North (3), Mandera West (3), Suba (3), Kilindini (2), Maara (2), Siaya (2), Loitokitok (2), Matungu (2), Kiambu West (1), Kinango (1), Kwale (1), Mombasa (1), Makueni (1), Mwingi (1), Kamukunji (1), Wajir West (1), Masaba North (1), Gem (1), Laikipia West (1), Molo (1), Naivasha (1), Kajiado North, Hamisi (1) and Mt. Elgon (1) Districts <p>✦ The laboratory surveillance system received case specimen from districts.</p> <ul style="list-style-type: none"> □ Analysis for week 16 still ongoing <p>Dysentery</p> <p>✦ Reported cases decreased from 1,343 in week 15 to 1,304 in week 16 with no reported deaths</p> <p>Typhoid fever</p> <p>✦ Reported cases decreased from 5,462 in week 15 to 4,642 in week 16 with no reported death</p> <p>AFP</p> <p>✦ Four cases was reported in the week by Kilindini (1), Bondo (1), Manga (1) and Bungoma North (1) Districts with no reported death</p> <p>✦ All investigated cases tested negative for polio virus</p> <p>Meningococcal Meningitis</p> <p>✦ Nine cases were reported in the week by Turkana South (6) and Embu West (3) Districts with no reported death</p> <p>NNT</p> <p>✦ Zero cases reported in the week</p> <p>Influenza (Walter Reed Influenza Surveillance)</p> <p>✦ Thirty six 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"> □ Five tested positive for Four tested positive for influenza A (H3) <p>✦ All tested negative for influenza A (H1), pandemic influenza A (H1N1), influenza A (H5) and influenza B viruses</p>
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Disease specific reports

Malaria

- ✦ Reported cases decreased from 135,700 in week 15 to 132,978 in week 16
- ✦ Mortality decreased from 8 in week 15 to 4 in week 16
 - The deaths were reported from: Kwale (1), Kisumu West (1), Turkana North (1) and Bungoma East (1) Districts
- ✦ Overall, 81,929 (62%) cases were laboratory tested, yielding a positivity rate of 29.4%

Cholera

- ✦ Zero cases were reported in the week

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 16

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	216(0)	216	2	0.9	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	32	88	479(0)	873	39	4.5	0(0)	88(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	44	40	90	198(0)	365	67	18.4	0(0)	80(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga Central	20	15	75	103(0)	224	2	0.9	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	302(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	35	68	266(0)	425	19	4.5	0(0)	80(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	28	93	232(0)	652	61	9.4	0(0)	93(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	30	27	90	19(0)	153	9	5.9	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	70	100	12(0)	286	12	4.2	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	86(0)	86	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	53	85	657(0)	469	5	1.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kikuyu	28	27	96	83(0)	235	57	24.3	0(0)	55(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ruiru	62	37	59	281(0)	574	141	24.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga West	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kirinyaga East	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mwea East	11	11	100	136(0)	260	6	2.3	0(0)	2(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	20	19	95	832(0)	289	142	49.1	0(0)	3(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	45	43	95	1046(0)	569	41	7.2	0(0)	3(0)	66(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	40	100	1275(0)	1490	504	33.8	0(0)	3(0)	1(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)

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	Kinango	23	23	100	1383(0)	621	306	49.3	0(0)	0(0)	33(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	24	24	100	986(1)	832	166	20.0	0(0)	0(0)	9(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	34	33	97	614(0)	258	13	5.0	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	752(0)	1074	71	6.6	0(0)	0(0)	57(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	35	100	580(0)	1887	285	15.1	0(0)	7(0)	1(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	19	90	45(0)	1679	492	29.3	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	56	51	91	465(0)	1212	121	10.0	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	451(0)	145	14	9.7	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	15	15	100	443(0)	164	43	26.2	0(0)	5(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	14	14	100	326(0)	298	29	9.7	0(0)	2(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																			
	Chalbi	11	8	72	74(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	16	84	1386(0)	1158	145	12.5	0(0)	0(0)	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	11	78	248(0)	40	9	22.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe South	32	25	78	1327(0)	427	344	80.6	0(0)	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	22	100	995(0)	1312	636	48.5	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	27	27	100	1162(0)	1410	394	27.9	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	64	64	100	2077(0)	2494	1304	52.3	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	18	14	77	388(0)	323	75	23.2	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	30	27	90	690(0)	141	8	5.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	30	28	93	828(0)	486	60	12.3	0(0)	40(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kyuso	30	14	46	390(0)	128	55	43.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	9	75	146(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)
	Maara	31	29	93	1105(0)	714	374	52.4	0(0)	34(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	11	33	115(0)	460	8	1.7	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	1241(0)	533	21	3.9	0(0)	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	10	6	60	182(0)	178	22	12.4	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	12	100	658(0)	595	229	38.5	0(0)	37(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Mbooni West	13	13	100	364(0)	206	18	8.7	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	27	27	100	773(0)	650	56	8.6	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	18	14	77	281(0)	42	0	0.0	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	35	28	80	548(0)	131	35	26.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	30	93	547(0)	267	28	10.5	0(0)	57(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	32	71	611(0)	337	95	28.2	0(0)	8(0)	19(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzau	22	17	77	424(0)	132	48	36.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	25	14	56	1349(0)	1342	90	6.7	0(0)	60(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania West	20	18	90	1023(0)	230	77	33.5	0(0)	15(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	24	18	75	513(0)	348	100	28.7	0(0)	28(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	25	25	100	896(0)	1015	407	40.1	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	26	16	61	629(0)	555	89	16.0	0(0)	86(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe North	25	18	72	1011(0)	710	487	68.6	0(0)	0(0)	0(0)	86(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	30	27	90	618(0)	208	41	19.7	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	14	14	100	577(0)	402	68	16.9	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere South	23	23	100	573(0)	318	64	20.1	0(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mukaa	16	15	93	219(0)	173	34	19.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni East	13	8	61	314(0)	103	15	14.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buuri	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Tigania East	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mutitu	16	12	75	248(0)	96	20	20.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																			
	Embakasi	66	46	69	949(0)	539	141	26.2	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	27	22	81	141(0)	60	22	36.7	0(0)	77(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Westlands	16	12	75	94(0)	142	42	29.6	0(0)	81(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	19	63	32(0)	275	32	11.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	27	17	62	317(0)	261	6	2.3	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Starehe	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR

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	Dagoreti	34	28	82	292(0)	195	48	24.6	0(0)	74(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	24	66	255(0)	313	105	33.5	0(0)	31(26)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
North Eastern																			
	Fafi	11	9	81	62(0)	63	3	4.8	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	270(0)	652	65	10.0	0(0)	78(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	12	9	75	0(0)	244	30	12.3	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	21(0)	43	0	0.0	0(0)	0(0)	3(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	7	6	85	95(0)	70	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)
	Mandera East	8	6	75	139(0)	145	25	17.2	0(0)	41(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	10	9	90	138(0)	21	5	23.8	0(0)	2(0)	1(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	14	93	249(0)	249	170	68.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	11	9	81	62(0)	63	3	4.8	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	12	9	75	84(0)	170	8	4.7	0(0)	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	9	75	182(0)	26	0	0.0	0(0)	88(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera North	5	5	100	48(0)	48	2	4.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																			
	Bondo	26	25	96	1292(0)	554	161	29.1	0(0)	43(0)	38(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Borabu	27	19	70	687(0)	452	9	2.0	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	22	20	90	665(0)	121	59	48.8	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	19	100	669(0)	303	32	10.6	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	30	26	86	934(0)	574	260	45.3	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	31	91	984(0)	968	29	3.0	0(0)	21(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	16	16	100	600(0)	338	52	15.4	0(0)	16(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	54	100	3551(0)	1663	674	40.5	0(0)	4(0)	9(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	26	26	100	1477(1)	652	209	32.1	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	16	100	454(0)	18	12	66.7	0(0)	22(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	24	100	1461(0)	406	150	36.9	0(0)	22(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	18	18	100	75(0)	73	15	20.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)

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	Masaba North	17	17	100	308(0)	260	18	6.9	0(0)	72(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	26	26	100	487(0)	313	79	25.2	0(0)	9(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	28	27	96	1024(0)	250	7	2.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	13	10	76	606(0)	251	161	64.1	0(0)	48(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo South	35	20	57	1642(0)	672	134	19.9	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarieda	23	23	100	915(0)	793	248	31.3	0(0)	12(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	26	26	100	1174(0)	1627	197	12.1	0(0)	68(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	31	30	96	1587(0)	306	112	36.6	0(0)	4(0)	21(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbita	27	23	85	647(0)	208	31	14.9	0(0)	19(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatike	28	28	100	1688(0)	710	104	14.6	0(0)	13(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ndhiwa	26	26	100	1938(0)	1025	315	30.7	0(0)	4(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamache	13	13	100	409(0)	174	20	11.5	0(0)	15(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	27	27	100	1512(0)	629	405	64.4	0(0)	67(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	15	100	559(0)	236	130	55.1	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	31	30	96	2012(0)	1231	522	42.4	0(0)	37(0)	11(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kenyenya	13	13	100	528(0)	253	79	31.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	20	18	90	477(0)	188	43	22.9	0(0)	28(0)	13(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marani	9	9	100	405(0)	233	11	4.7	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	25	96	1241(0)	259	87	33.6	0(0)	37(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira North	27	27	100	514(0)	145	9	6.2	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	NYAKACH	16	12	75	471(0)	76	29	38.2	0(0)	6(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba South	16	16	100	389(0)	288	19	6.6	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muhoroni	21	21	100	1131(0)	535	163	30.5	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Rift Valley

	Baringo	31	29	93	582(0)	147	72	49.0	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	35	94	521(0)	92	37	40.2	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	23	22	95	691(0)	235	22	9.4	0(0)	84(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	27	23	85	938(0)	375	33	8.8	0(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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	East Pokot	17	7	41	96(0)	0	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)
	Eldoret East	40	38	95	986(0)	363	130	35.8	0(0)	68(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	35	87	1059(0)	369	108	29.3	0(0)	77(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	30	25	83	497(0)	165	48	29.1	0(0)	40(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	15	11	73	192(0)	113	13	11.5	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	15	14	93	338(0)	126	33	26.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	41	34	82	654(0)	223	13	5.8	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	41	39	95	521(0)	312	87	27.9	0(0)	7(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	19	19	100	775(0)	393	150	38.2	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	131(0)	52	1	1.9	0(0)	31(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	7	77	45(0)	0	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)
	Laikipia West	23	23	100	338(0)	173	22	12.7	0(0)	54(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	25	18	72	332(0)	0	0	0.0	0(0)	10(0)	32(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet West	33	29	87	360(0)	50	13	26.0	0(0)	25(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	9	8	88	171(0)	0	0	0.0	0(0)	3(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	39	39	100	1016(0)	505	165	32.7	0(0)	30(0)	5(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru Central	21	19	90	232(0)	385	50	13.0	0(0)	91(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	33	30	90	455(0)	548	192	35.0	0(0)	181(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	14	53	468(0)	39	7	17.9	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	28	87	820(0)	356	77	21.6	0(0)	37(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	21	87	706(0)	264	46	17.4	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	834(0)	112	37	33.0	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	32	100	268(0)	301	79	26.2	0(0)	18(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	26	86	487(0)	195	40	20.5	0(0)	49(0)	3(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	19	95	301(0)	93	9	9.7	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	11	73	192(0)	113	13	11.5	0(0)	11(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Samburu Central	25	21	84	262(0)	0	0	0.0	0(0)	23(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	11	84	121(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)
	Samburu North	14	7	50	124(0)	0	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)
	Sotik	32	32	100	789(0)	117	21	17.9	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	10	100	193(0)	132	21	15.9	0(0)	18(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	50	40	80	937(0)	325	9	2.8	0(0)	6(0)	5(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	24	24	100	717(0)	731	279	38.2	0(0)	126(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	1470(0)	1028	141	13.7	0(0)	8(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	49	37	75	1065(0)	701	283	40.4	0(0)	19(0)	21(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	27	19	70	475(1)	403	95	23.6	0(0)	2(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	24	14	58	398(0)	174	77	44.3	0(0)	0(0)	9(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	39	35	89	814(0)	564	204	36.2	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	30	26	86	499(0)	329	91	27.7	0(0)	87(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Belgut	19	16	84	397(0)	257	14	5.4	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuresoi	32	26	81	760(0)	261	97	37.2	0(0)	160(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njoro	25	9	36	210(0)	0	0	0.0	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marigat	17	17	100	329(0)	106	11	10.4	0(0)	34(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	28	21	75	264(0)	14	3	21.4	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	22	19	86	255(0)	109	50	45.9	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	614(0)	51	1	2.0	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isinya	16	15	93	229(0)	106	21	19.8	0(0)	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	33	23	69	481(0)	444	110	24.8	0(0)	19(0)	4(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo South	32	26	81	538(0)	66	24	36.4	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyahururu	12	12	100	237(0)	136	19	14.0	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Subukia	14	12	85	271(0)	249	66	26.5	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongai	19	18	94	551(0)	140	74	52.9	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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Western

	Bungoma East	13	13	100	911(1)	1033	692	67.0	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	922(0)	584	493	84.4	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Bungoma South	21	21	100	2057(0)	1039	513	49.4	0(0)	79(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	9	9	100	935(0)	694	287	41.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	7	100	1008(0)	458	173	37.8	0(0)	4(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	19	19	100	1830(0)	1301	844	64.9	0(0)	30(0)	152(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	10	100	1229(0)	601	235	39.1	0(0)	42(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	23	100	1265(0)	215	107	49.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	18	18	100	1161(0)	523	182	34.8	0(0)	48(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	29	29	100	2938(0)	2136	1021	47.8	0(0)	68(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East	14	14	100	1079(0)	689	191	27.7	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North	20	20	100	1096(0)	481	360	74.8	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South	11	11	100	865(0)	405	181	44.7	0(0)	35(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	14	14	100	1025(0)	214	45	21.0	0(0)	41(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	16	16	100	830(0)	450	98	21.8	0(0)	49(0)	8(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	18	18	100	1492(0)	720	256	35.6	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	11	11	100	535(0)	134	65	48.5	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso North	11	11	100	1103(0)	0	0	0.0	0(0)	25(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	10	10	100	775(0)	557	283	50.8	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	11	11	100	1128(0)	595	275	46.2	0(0)	40(0)	23(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso South	10	10	100	1488(0)	475	228	48.0	0(0)	68(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lukuyani	10	10	100	427(0)	281	35	12.5	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matete	6	6	100	449(0)	44	14	31.8	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sabatia	12	12	100	831(0)	312	137	43.9	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butula	13	13	100	1212(0)	736	360	48.9	0(0)	35(0)	3(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Khwisero	14	14	100	857(0)	327	151	46.2	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Bungoma Central	14	14	100	463(0)	356	132	37.1	0(0)	39(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kimilili Bungoma	9	9	100	320(0)	613	112	18.3	0(0)	33(0)	3(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 16 summary	0 (0)	1,304 (0)	132,978 (4)	81,929	24,073	238 (0)	9 (0)	4,642 (0)	0 (0)	4 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	0 (0)	16,885 (5)	2,255,296 (178)	1,251,343	381,823	2,218 (2)	52 (1)	76,948 (11)	1 (0)	24 (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