



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 12

Week Ending 25th March 2011

Provincial & national surveillance indicators for week 12

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	17	13	13	83	76	100	83
Coast	13	13	13	97	100	100	99
Eastern	36	33	33	78	92	100	88
Nairobi	9	8	8	68	89	100	84
N. Eastern	12	12	12	87	100	100	96
Nyanza	35	26	26	86	74	100	82
R. Valley	56	50	50	82	89	100	89
Western	28	28	28	97	100	100	99
National	206	183	183	84	89	100	89

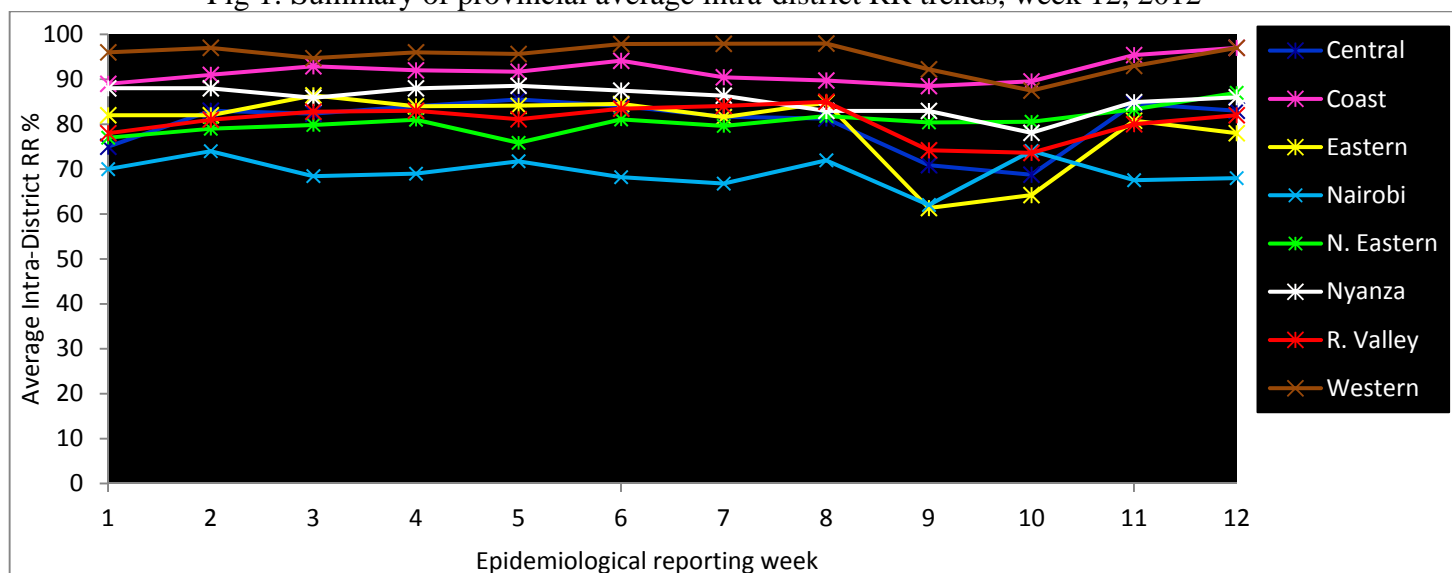
✦ Overall IDSR reporting performance improved in week 12 compared to week 11

✦ Suspected measles specimen analysis still ongoing for week 12

✦ 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 12, 2012



Reports not received from the following 23 districts

Kiambu East, Kirinyaga Central, Kikuyu, Kirinyaga West, Kitui, Mwingi, Tharaka, Embakasi, Kuria East, Kuria West, Migori, Nyando, Nyatike, Ndhiwa, Rachuonyo North, Masaba South, Muhoroni, East Pokot, Eldoret West, Kipkelion, Loitokitok, Nandi Central and Sotik

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

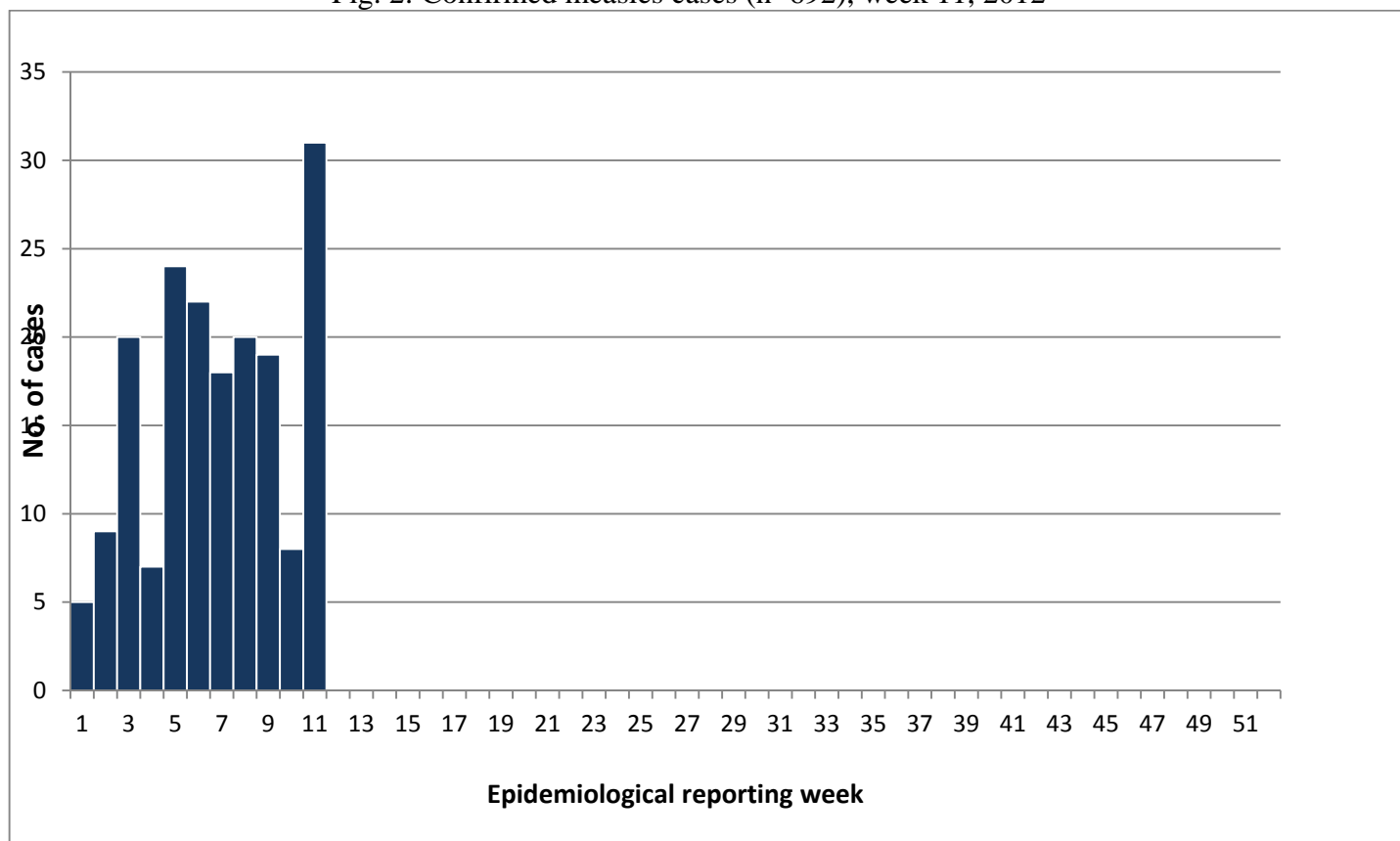
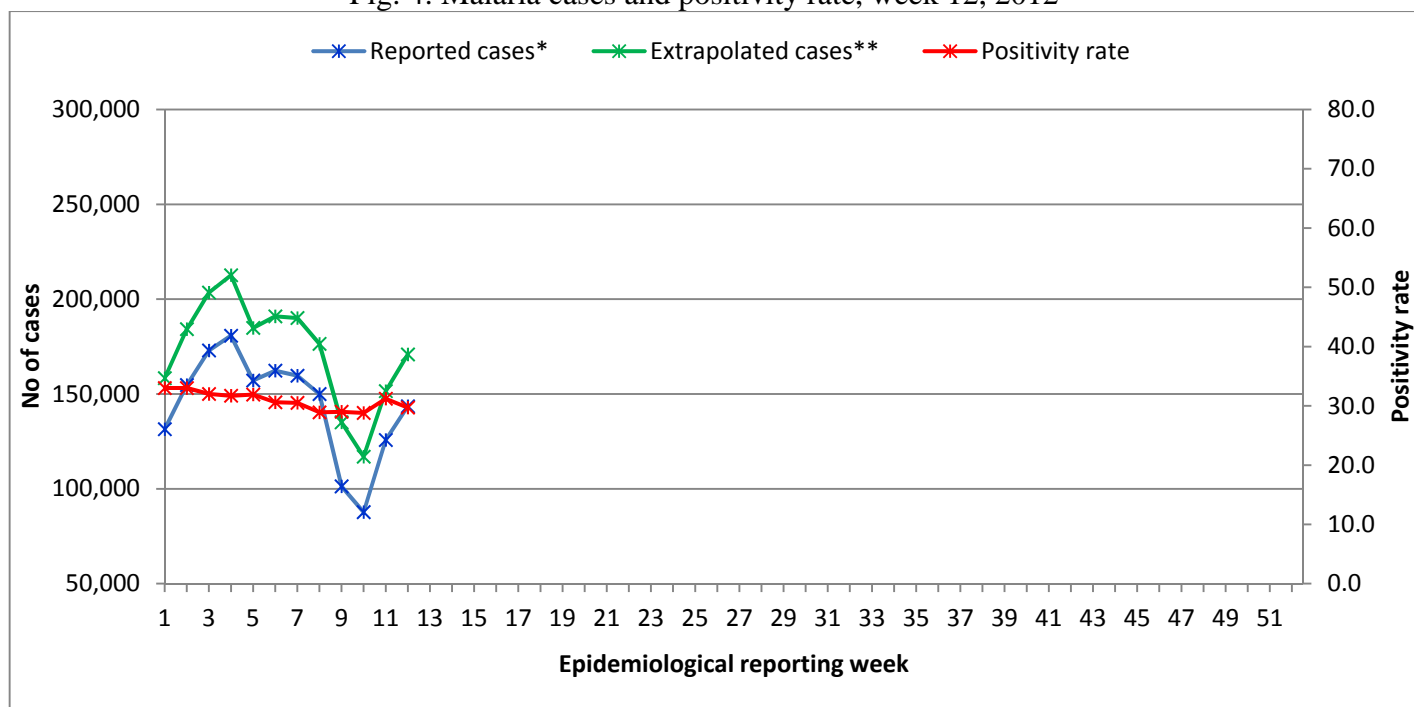


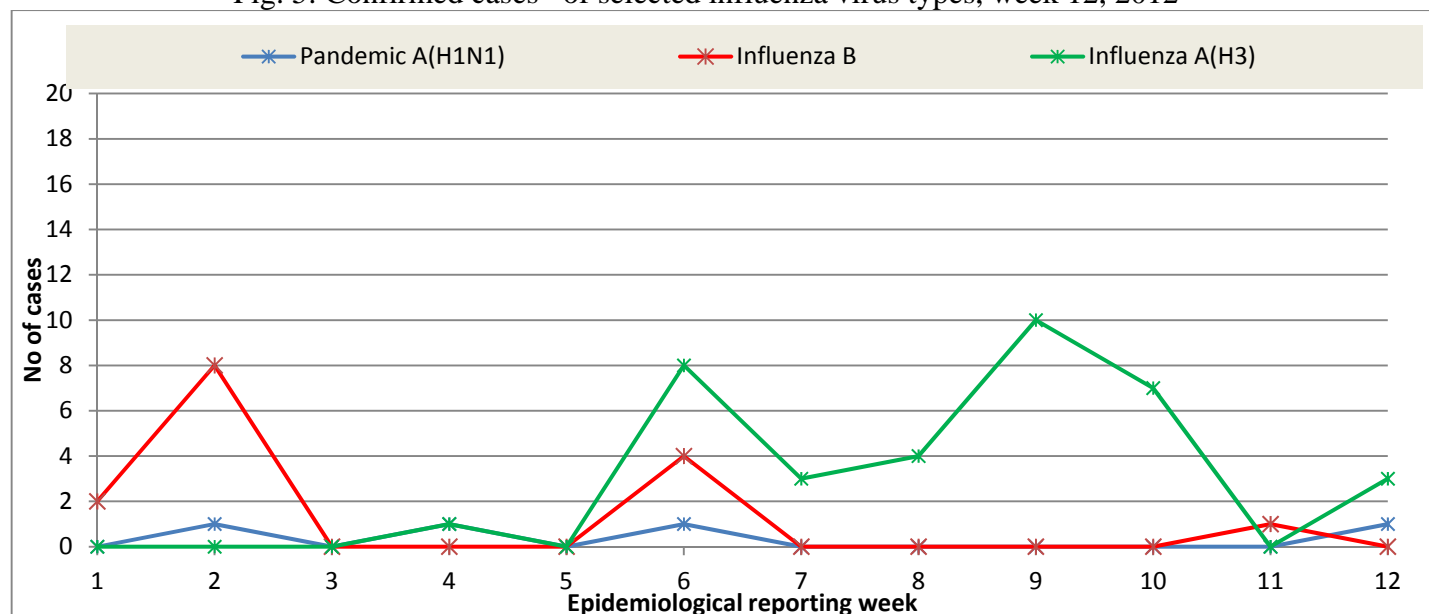
Fig. 4: Malaria cases and positivity rate, week 12, 2012



* Cases reported by health facilities that submitted weekly reports during the reporting week

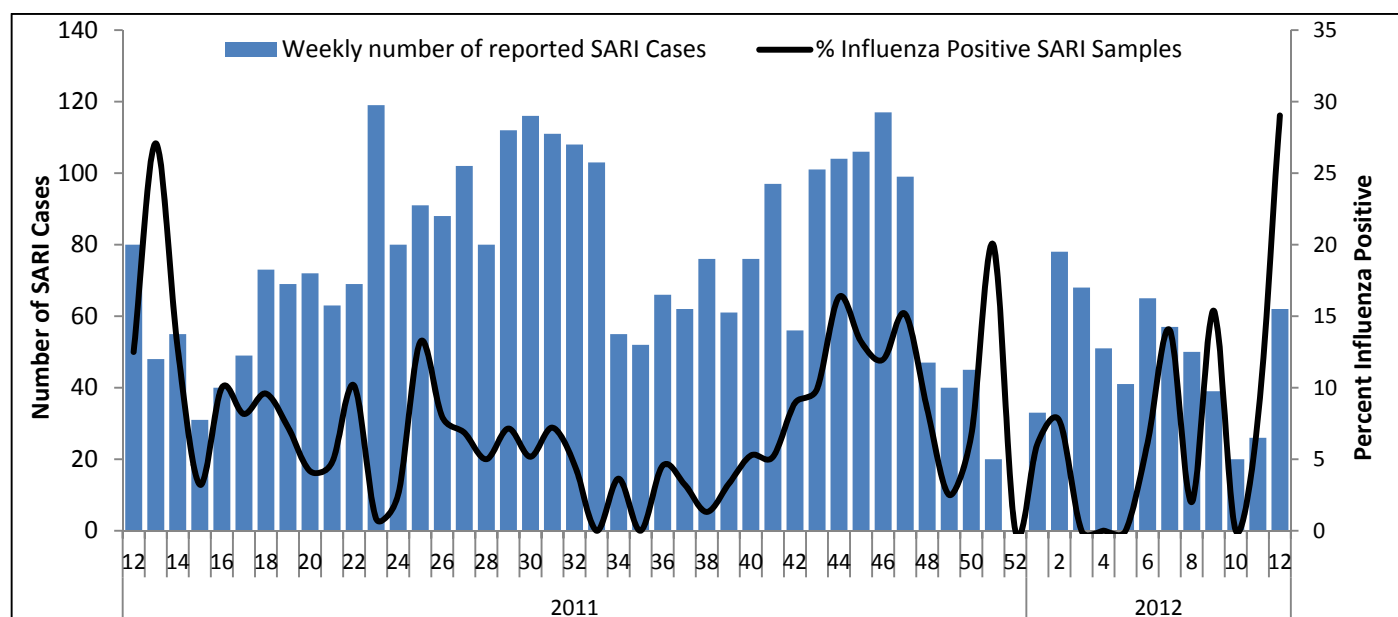
** Extrapolated from reported cases considering the intra-district reporting rate for the week

Fig. 5: Confirmed cases* of selected influenza virus types, week 12, 2012



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

Fig 6: Hospitalized SARI cases from the five influenza sentinel surveillance sites* and % of SARI specimens testing positive for influenza, week 12/2011 through week 12/2012



* Ministry of Public Health and Sanitation in collaboration with KEMRI and CDC, Kenya.

Highlights for the week

Nationally:

- ☐ The surveillance weighted aggregate score increased from 88% in week 11 to 89% in week 12
- ☐ The proportion of districts that reported increased from 87% in week 11 to 89% in week 12
- ☐ The intra-district average reporting rate increased from 83% in week 11 to 84% in week 12

Best performing provinces in week 12 of 2012:

- ☐ District reporting rate: Coast, Western and North Eastern Provinces had 100% district reporting while only 74% of districts in Nyanza Province reported
- ☐ Intra-district facility reporting rate: 97% of health facilities in Coast and Western Provinces reported while only 68% of facilities reported in Nairobi Province

Most improved provinces in week 12 of 2012:

- ☐ Intra-district facility RR: Performance in Western (93% to 97%) and North Eastern (83% to 87%) Provinces improved the most. Performance in Eastern (81% to 78%) Province declined the most
- ☐ District reporting rate: Performance in Western (86% to 100%) Province improved the most

Seventy (34%) districts [an increase from sixty (20%) districts in week 11] attained 100% intra-district reporting rate

Disease specific reports

Malaria

- Reported cases increased from 125,734 in week 11 to 143,513 in week 12
- Mortality increased from 10 in week 11 to 12 in week 12
 - ☐ The deaths were reported from: Turkana Central (3), Bungoma East (2), Imenti North (2), Kakamega North (2), Nandi East (1), Trans Nzoia West (1) and Mumias (1) Districts

Overall, 97,180 (67.7%) cases were laboratory tested, yielding a positivity rate of 29.7%

Cholera

- Zero cases were reported in the week

Measles

- 130 suspected cases (An increase from 97 in week 11) were reported from 30 districts, with no reported death.

- ☐ The cases were reported from: Trans Mara (18), Igembe South (16), Kajiado (15), Turkana South (9), Wajir East (7), Narok South (7), Wajir South (7), Kyuso (6), Narok North (5), Bunyala (5), Kakamega Central (4), Mandera West (4), Imenti North (3), Maara (2), Mombasa (2), Kilifi (2), Laikipia East (2), Borabu (2), Trans Nzoia West (2), Turkana Central (2), Mwea East (1), Malindi(1), Taveta (1), Kamukunji (1), Nyahururu (1), Naivasha(1), Nyamira North(1), Nyamira(1), Bomet (1) and Nakuru Central (1) Districts

- The laboratory surveillance system received case specimen from districts.

- ☐ Analysis for week 12 still ongoing

- The laboratory surveillance system (week 11) received 65 case specimen from 29 districts.

- ☐ Thirty one (48%) specimen tested positive for measles IgM.

- ☐ The specimen were submitted from: Fafi (5), Nyando (4), Imenti North (3), Kajiado (2), Homabay (2), Igembe North (2), Langata (2), Kajiado North (1), Kiambu West (1), Kilindini (1), Matungu (1), Narok North (1), Wareng (1), West Bungoma (1), Igembe South (1), Butula (1) and Embakasi (1) Districts

- Two (3%) specimen tested positive for rubella

Dysentery

- Reported cases decreased from 1,033 in week 11 to 842 in week 12 with no reported deaths

Typhoid fever

- Reported cases increased from 4,500 in week 11 to 5,047 in week 12 with no reported deaths

AFP

- Two cases were reported in the week by Malindi and Kinango Districts with no reported death

- All investigated cases tested negative for polio virus

Meningococcal Meningitis

- One case was reported in the week by Laikipia East District with no reported death

NNT

- Zero cases were reported in the week

Influenza (Walter Reed Influenza Surveillance)

- Thirty eight specimen were submitted to the national influenza center by the Walter Reed Influenza Surveillance system in the week

- ☐ One tested positive for influenza A (H1N1)

- ☐ Three tested positive for influenza A (H3)

- All tested negative for influenza A (H1), influenza A (H5) and influenza B viruses

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 12

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	175(0)	175	1	0.6	0(0)	5(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	39	88	265(0)	381	68	17.8	0(0)	79(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga Central	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Muranga North	49	39	79	273(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)
	Muranga South	51	40	78	485(0)	419	15	3.6	0(0)	88(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	26	86	222(0)	353	55	15.6	0(0)	131(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	30	25	83	51(0)	219	7	3.2	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	70	100	4(0)	356	4	1.1	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	99(0)	99	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	643(0)	441	7	1.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kikuyu	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Ruiru	50	39	78	369(0)	799	191	23.9	0(0)	4(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	23	21	91	269(0)	293	4	1.4	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	11	52	1(0)	413	7	1.7	0(0)	0(0)	1(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwea West	11	10	90	176(0)	194	7	3.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																			
	Kaloleni	20	18	90	865(0)	319	63	19.7	0(0)	2(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	45	44	97	1820(0)	627	66	10.5	0(0)	15(0)	60(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	40	100	1405(0)	1276	390	30.6	0(0)	8(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	23	23	100	1119(0)	346	199	57.5	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	24	24	100	1258(0)	981	209	21.3	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	34	34	100	612(0)	285	14	4.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Malindi	47	47	100	1013(0)	1328	117	8.8	0(0)	0(0)	68(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Mombasa	35	35	100	1318(0)	2714	375	13.8	0(0)	0(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	20	95	81(0)	1379	428	31.0	0(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	56	50	89	452(0)	1466	192	13.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Tana Delta	17	17	100	462(0)	156	36	23.1	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	15	15	100	444(0)	201	58	28.9	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	509(0)	401	44	11.0	0(0)	5(0)	5(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																			
	Chalbi	11	8	72	86(0)	14	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	14	73	1041(0)	886	111	12.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	9	64	236(0)	34	13	38.2	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	19	59	1287(0)	673	279	41.5	0(0)	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	26	17	65	1048(0)	1159	612	52.8	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	38	38	100	2113(2)	2972	832	28.0	0(0)	64(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	64	50	78	2620(0)	2894	1475	51.0	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	25	18	72	458(0)	325	58	17.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	30	28	93	835(0)	212	21	9.9	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	1364(0)	709	54	7.6	0(0)	42(0)	0(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	18	60	686(0)	309	116	37.5	0(0)	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	9	75	29(0)	55	20	36.4	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	2129(0)	1172	587	50.1	0(0)	21(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	12	36	176(0)	334	21	6.3	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	44	44	100	1451(0)	721	57	7.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	10	7	70	199(0)	123	21	17.1	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	631(0)	268	121	45.1	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni West	12	11	91	357(0)	168	15	8.9	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	27	18	66	1165(0)	1032	457	44.3	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	25	5	20	229(0)	29	1	3.4	0(0)	3(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	35	20	57	905(0)	209	17	8.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Mwala	32	29	90	890(0)	445	42	9.4	0(0)	76(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	673(0)	179	64	35.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Tigania	38	25	65	2275(0)	164	29	17.7	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	24	20	83	681(0)	491	145	29.5	0(0)	28(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	25	25	100	1803(0)	1766	1083	61.3	0(0)	53(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	26	16	61	456(0)	485	136	28.0	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe North	25	15	60	1088(0)	674	430	63.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	32	27	84	1197(0)	408	50	12.3	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	14	14	100	896(0)	534	108	20.2	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere South	25	25	100	1014(0)	401	117	29.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mukaa	17	15	88	408(0)	385	23	6.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni East	12	11	91	323(0)	171	40	23.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Nairobi

	Embakasi	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kamukunji	27	19	70	75(0)	22	13	59.1	0(0)	27(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Westlands	16	11	68	77(0)	111	25	22.5	0(0)	89(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	17	56	9(0)	293	9	3.1	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	23	12	52	362(0)	170	0	0.0	0(0)	171(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	50	34	68	572(0)	819	134	16.4	0(0)	205(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	23	17	73	88(0)	127	12	9.4	0(0)	43(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	34	27	79	341(0)	218	70	32.1	0(0)	47(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	25	69	221(0)	248	68	27.4	0(0)	44(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

North Eastern

	Fafi	11	10	90	39(0)	66	11	16.7	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	14	14	100	273(0)	758	102	13.5	0(0)	102(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	12	11	91	255(0)	328	24	7.3	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	36(0)	28	5	17.9	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	7	6	85	125(0)	90	1	1.1	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	140(0)	89	15	16.9	0(0)	11(0)	38(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	East																		
	Mandera West	10	8	80	199(0)	29	8	27.6	0(0)	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	15	100	193(0)	193	136	70.5	0(0)	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	6	5	83	239(0)	14	3	21.4	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	66(0)	198	17	8.6	0(0)	6(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	9	75	141(0)	64	31	48.4	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera North	5	5	100	47(0)	46	2	4.3	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	23	88	1623(0)	764	268	35.1	0(0)	32(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	13	48	695(0)	109	0	0.0	0(0)	1(0)	1(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	18	18	100	944(0)	296	87	29.4	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	19	100	861(0)	269	41	15.2	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	30	24	80	774(0)	562	225	40.0	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	34	31	91	1464(0)	604	40	6.6	0(0)	83(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	13	13	100	621(0)	300	66	22.0	0(0)	19(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	51	94	2984(0)	1257	546	43.4	0(0)	27(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	25	23	92	1457(0)	529	119	22.5	0(0)	24(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kuria West	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Manga	18	17	94	90(0)	74	13	17.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba North	16	16	100	508(0)	455	17	3.7	0(0)	95(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyamira	26	26	100	1076(0)	353	9	2.5	0(0)	6(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Rachuonyo South	35	15	42	2873(0)	1429	175	12.2	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarieda	23	22	95	1362(0)	969	232	23.9	0(0)	57(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	26	26	100	1156(0)	761	273	35.9	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	31	27	87	1867(0)	281	80	28.5	0(0)	33(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbita	28	19	67	808(0)	436	116	26.6	0(0)	1(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Nyati	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Ndhiwa	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyamache	13	13	100	439(0)	198	22	11.1	0(0)	16(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	26	21	80	1330(0)	202	133	65.8	0(0)	72(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	15	100	797(0)	241	189	78.4	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	31	30	96	2247(0)	1385	449	32.4	0(0)	37(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kenyan	13	13	100	586(0)	228	11	4.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	19	15	78	786(0)	138	43	31.2	0(0)	3(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marani	9	9	100	432(0)	0	0	0.0	0(0)	18(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyamira North	27	24	88	523(0)	164	9	5.5	0(0)	4(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	NYAKACH	16	8	50	495(0)	116	37	31.9	0(0)	6(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Muhoroni	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
Rift Valley																			
	Baringo	31	25	80	467(0)	105	43	41.0	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	30	81	598(0)	72	26	36.1	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	23	23	100	859(0)	370	24	6.5	0(0)	105(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	27	25	92	1032(0)	577	52	9.0	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Eldoret East	40	35	87	1284(0)	350	97	27.7	0(0)	43(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	21	70	508(0)	282	56	19.9	0(0)	69(0)	5(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	19	19	100	519(0)	155	76	49.0	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	14	12	85	437(0)	70	28	40.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Koibatek	41	39	95	1064(0)	271	75	27.7	0(0)	14(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	19	16	84	925(0)	370	148	40.0	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	175(0)	100	0	0.0	0(0)	33(0)	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia	9	8	88	80(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	19	19	100	413(0)	235	42	17.9	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Marakwet West	33	29	87	748(0)	84	18	21.4	0(0)	55(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	9	8	88	153(0)	0	0	0.0	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	36	34	94	937(0)	614	219	35.7	0(0)	30(0)	3(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru Central	21	20	95	282(0)	459	45	9.8	0(0)	56(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	33	27	81	1851(0)	227	72	31.7	0(0)	88(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	25	78	741(1)	319	56	17.6	0(0)	17(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	20	83	848(0)	389	32	8.2	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	1189(0)	89	31	34.8	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	457(0)	513	130	25.3	0(0)	19(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	23	76	570(0)	151	30	19.9	0(0)	45(0)	15(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	19	95	456(0)	170	29	17.1	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	11	73	298(0)	294	49	16.7	0(0)	22(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu Central	25	15	60	280(0)	0	0	0.0	0(0)	18(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	11	84	302(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	12	10	83	279(0)	0	0	0.0	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Tinderet	10	10	100	130(0)	115	12	10.4	0(0)	39(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	50	29	57	952(0)	439	9	2.1	0(0)	27(0)	8(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	24	23	95	995(0)	925	351	37.9	0(0)	156(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	1347(1)	591	158	26.7	0(0)	7(0)	12(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	49	37	75	1210(3)	975	413	42.4	0(0)	18(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana	27	21	77	1026(0)	228	64	28.1	0(0)	1(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	North																		
	Turkana South	24	8	33	271(0)	177	101	57.1	0(0)	4(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	39	31	79	1509(0)	931	350	37.6	0(0)	56(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	30	24	80	597(0)	263	68	25.9	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Belgut	19	12	63	465(0)	241	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)
	Kuresoi	32	25	78	690(0)	287	202	70.4	0(0)	162(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njoro	25	12	48	175(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	16	100	460(0)	68	0	0.0	0(0)	26(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	28	21	75	397(0)	49	18	36.7	0(0)	31(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	22	22	100	488(0)	36	7	19.4	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Chepalungu	21	21	100	977(0)	169	8	4.7	0(0)	10(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isinya	15	15	100	507(0)	162	18	11.1	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	33	16	48	296(0)	228	47	20.6	0(0)	34(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo South	32	28	87	859(0)	89	28	31.5	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyahururu	12	12	100	456(0)	294	65	22.1	0(0)	52(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Subukia	14	9	64	380(0)	193	120	62.2	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongai	19	14	73	1238(0)	274	111	40.5	0(0)	68(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																			
	Bungoma East	13	13	100	1323(2)	1050	395	37.6	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	1457(0)	642	407	63.4	0(0)	39(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	21	21	100	2276(0)	1291	531	41.1	0(0)	116(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	9	9	100	858(0)	781	358	45.8	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	846(0)	345	127	36.8	0(0)	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	19	19	100	1829(0)	1041	643	61.8	0(0)	96(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	9	90	1264(0)	455	193	42.4	0(0)	71(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	23	100	1190(0)	184	88	47.8	0(0)	80(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	14	14	100	1203(0)	1564	214	13.7	0(0)	54(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	29	29	100	2794(0)	2169	1368	63.1	0(0)	139(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega	14	14	100	968(0)	537	137	25.5	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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	East																		
	Kakamega North	20	20	100	1168(2)	492	352	71.5	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South	11	11	100	926(0)	516	207	40.1	0(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	1368(0)	156	10	6.4	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	16	16	100	350(0)	390	78	20.0	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	18	18	100	2015(1)	1163	409	35.2	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	740(0)	133	51	38.3	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso North	11	11	100	1312(0)	310	35	11.3	0(0)	22(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	10	10	100	986(0)	981	425	43.3	0(0)	73(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	11	11	100	1241(0)	143	83	58.0	0(0)	36(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso South	10	10	100	1517(0)	315	156	49.5	0(0)	37(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lukuyani	10	10	100	1096(0)	384	41	10.7	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	391(0)	65	17	26.2	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sabatia	12	12	100	859(0)	340	68	20.0	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butula	13	13	100	1115(0)	563	282	50.1	0(0)	48(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Khwisero	14	14	100	812(0)	202	130	64.4	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma Central	14	14	100	581(0)	453	210	46.4	0(0)	29(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kimilili Bungoma	8	8	100	416(0)	308	166	53.9	0(0)	45(0)	10(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 12 summary	0 (0)	842 (0)	143,513 (12)	97,180	27,858	130 (0)	1 (0)	5,047 (5)	0 (0)	2 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	0 (0)	12,190 (5)	1,726,970 (151)	933,196	288,189	1,382 (2)	26 (1)	57,627 (10)	0 (0)	10 (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

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