



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

**WEEKLY EPIDEMIOLOGICAL BULLETIN**

**Week 51**

**Week Ending 25<sup>th</sup> December 2011**

Provincial & national surveillance indicators for week 51

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	17	13	13	70	76	100	78
Coast	13	12	12	82	92	100	90
Eastern	35	31	31	70	89	100	84
Nairobi	9	8	8	62	89	100	82
N. Eastern	12	12	12	71	100	100	90
Nyanza	33	26	26	82	79	100	83
R. Valley	53	43	43	71	81	100	81
Western	28	28	28	98	100	100	99
National	200	173	173	75	87	100	85

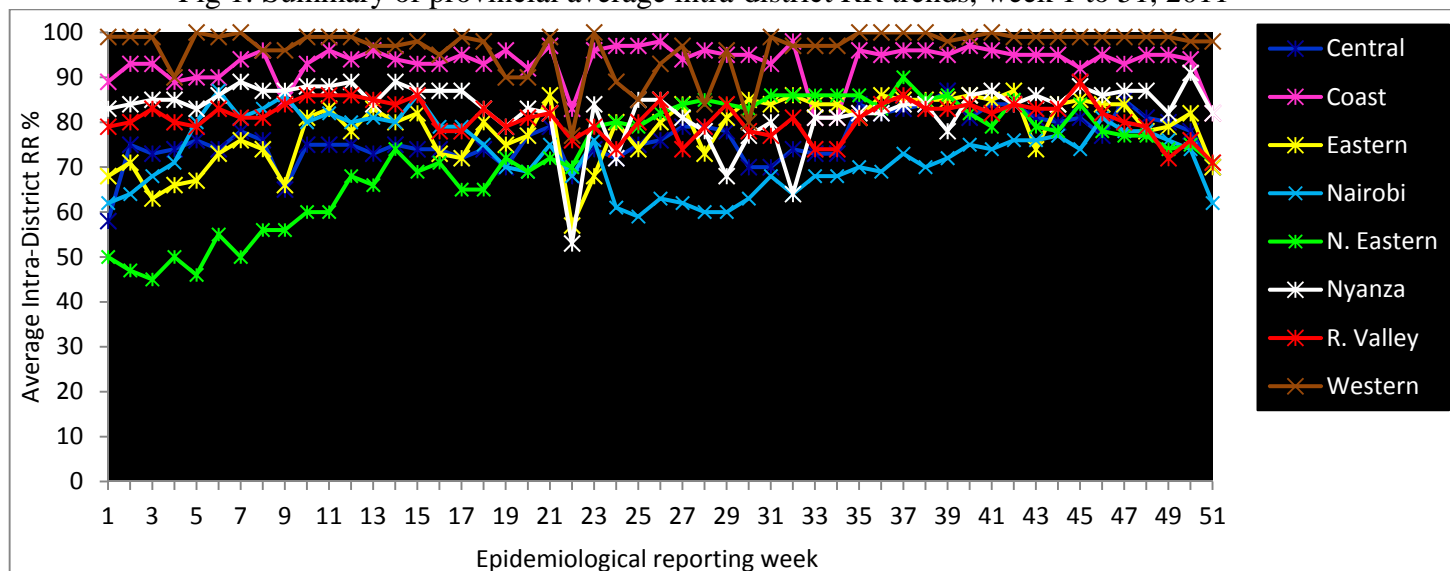
✚ Overall IDSR reporting performance declined in week 51 as compared to week 50

✚ 0 new measles cases confirmed in week 51

✚ Total confirmed measles cases in the country now 497 by week 51

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Fig 1: Summary of provincial average intra-district RR trends, week 1 to 51, 2011



**Reports not received from the following 26 districts**

Turkana North, Kuresoi, Samburu East, Samburu Central, East Pokot, Nandi Central, Nakuru Central, Kipkelion, Eldoret West, Baringo, Borabu, Rachuonyo North, Kuria East, Kuria West, Ndhiwa, Rachuonyo, Nyamira North, Chalbi, Igembe South, Kitui, Moyale, Mombasa, Nyandarua South, Nyeri South, Kikuyu and Gatundu

Fig. 2: Confirmed measles cases (n=497), week 1 to 51, 2011

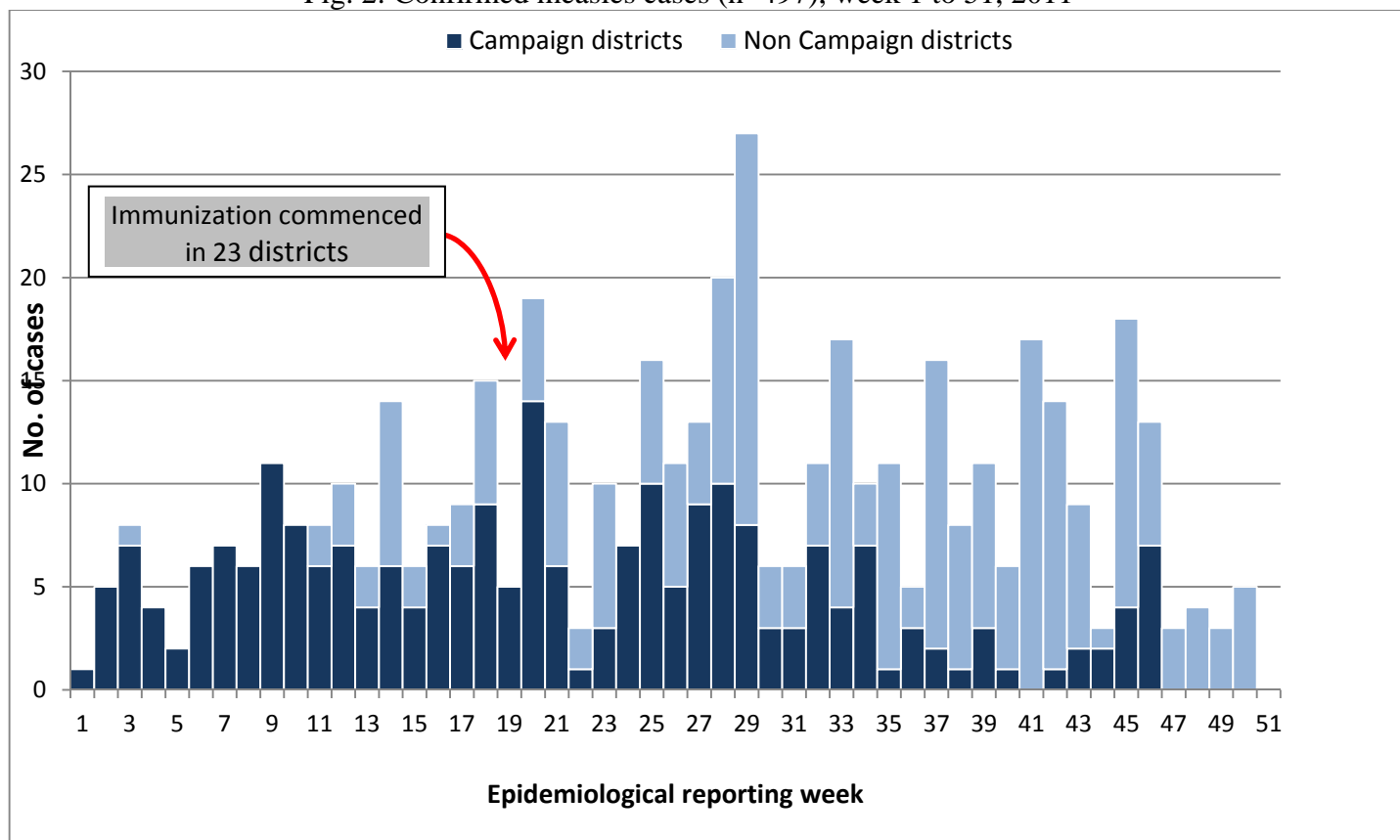
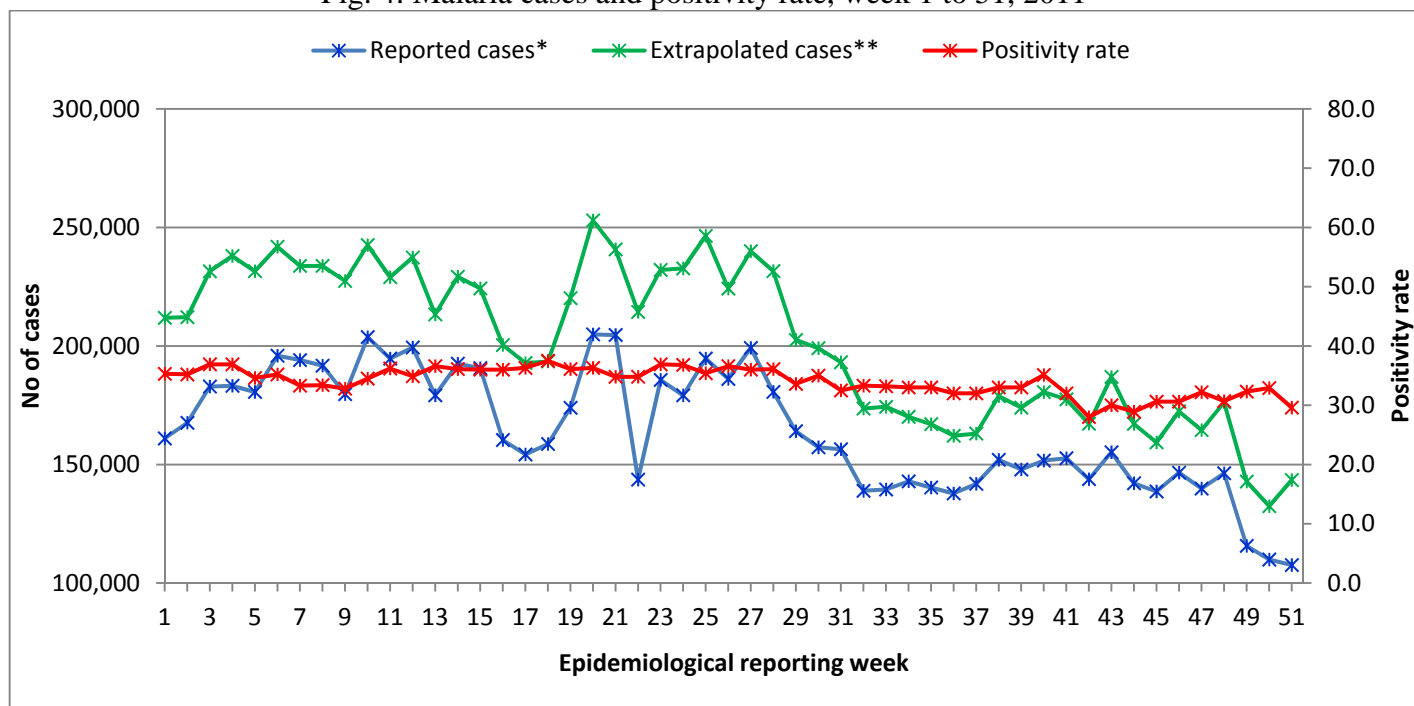


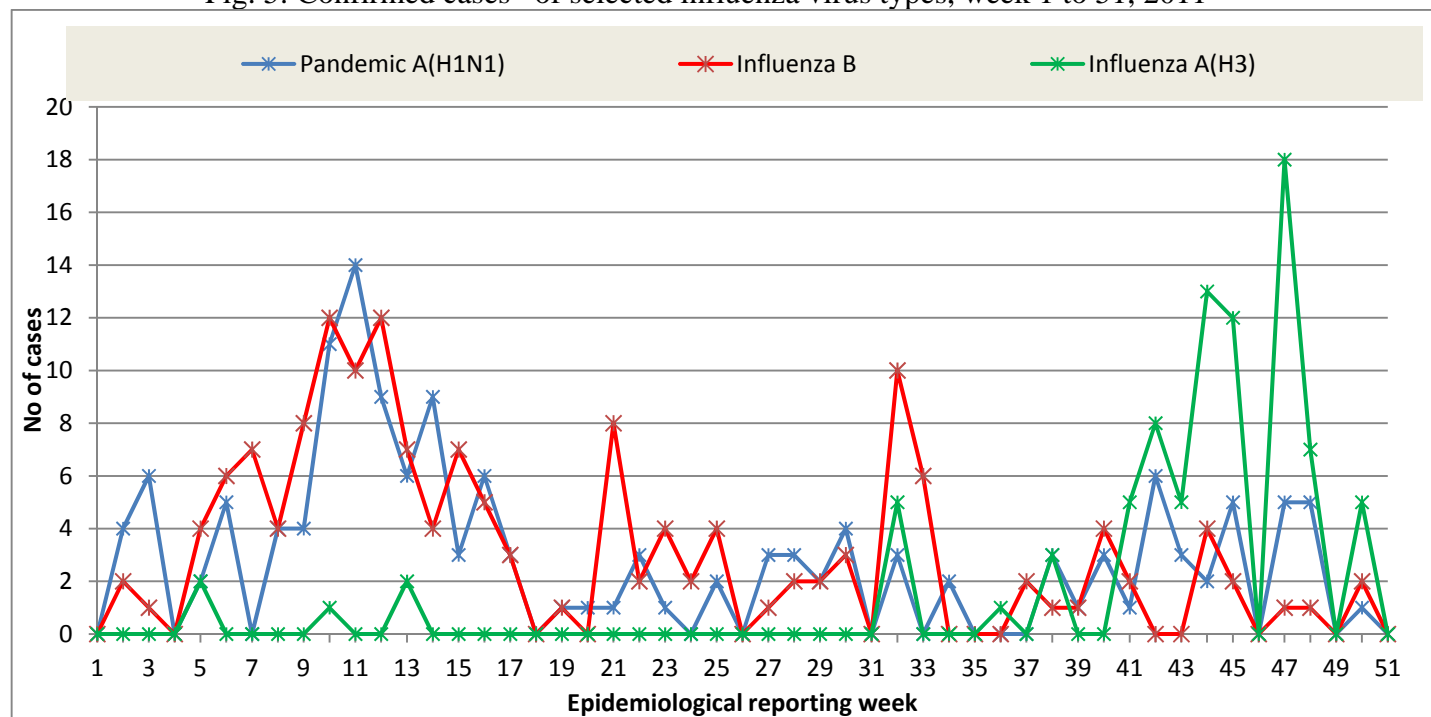
Fig. 4: Malaria cases and positivity rate, week 1 to 51, 2011



\* 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 51, 2011



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

### Highlights for the week

- ✦ Nationally:
  - The surveillance weighted aggregate score decreased from 87% in week 50 to 85% in week 51
  - The proportion of districts that reported increased from 86% in week 50 to 87% in week 51
  - The intra-district average reporting rate decreased from 83% in week 50 to 75% in week 51
- ✦ Best performing provinces in week 51 of 2011:
  - District reporting rate: North Eastern and Western Provinces had 100% district reporting while only 76% of districts in Central Province reported
  - Intra-district facility reporting rate: 98% of health facilities in Western province reported while only 62% of facilities reported in Nairobi Province
- ✦ Most improved provinces in week 51 of 2011:
  - Intra-district facility RR: Only Western Province maintained its performance at 98%. Performance in all other provinces declined
  - District reporting rate: Performance in Nyanza (70% to 79%) Province improved the most
- ✦ Forty six (23%) districts [a decrease from fifty eight (29%) districts in week 50] attained 100% intra-district reporting rate

### Disease specific reports

#### **Malaria**

- ✦ Reported cases decreased from 109,918 in week 50 to 107,592 in week 51
- ✦ Mortality stabilized at 11 in week 51
  - The deaths were reported from: Bungoma East (2), Kakamega North (2), Imenti North (1), Turkana Central (1), Kibwezi (1), Makueni (1), Kisumu West (1), Nandi East (1), Bunyala (1) and Teso North Districts
- ✦ Overall, 56,487 (53%) cases were laboratory tested, yielding a positivity rate of 30%

#### **Cholera**

- ✦ Zero cases were reported in the week

#### **Measles**

- ✦ 70 suspected cases (a decrease from 74 in week 50) were reported from 14 districts, with no death reported.
  - The cases were reported from: Trans Mara (27), Narok South (11), Kajiado (6), Mwingi (5), Gem (5), Loitokitok (4), Suba (3), Bomet (2), Turkana Central (1), Trans Nzoia East (1), South Gucha (1), Rongo (1), Imenti South (1), Malindi (1) and Kiambu West (1) Districts
- ✦ The laboratory surveillance system received 1 case specimen from 1 district.
  - Zero (0%) specimen tested positive for measles IgM.
  - The specimen were submitted from: Trans Nzoia District
- ✦ One (100%) specimen tested positive for rubella

#### **Dysentery**

- ✦ Reported cases decreased from 1,118 in week 50 to 940 in week 51 with no reported death.

#### **Typhoid fever**

- ✦ Reported cases increased from 3,454 in week 50 to 3,866 in week 51 with one death reported in West Pokot District

#### **AFP**

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

#### **Meningococcal Meningitis**

- ✦ Five cases were reported in the week by Embu West District. With no reported death.

#### **NNT**

- ✦ Zero cases were reported in the week

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

- ✦ No data

For comments please contact:

Head, Division of Disease Surveillance and Response  
 Ministry of Public Health and Sanitation  
 P.O. Box 20781 - 00202  
 Tel. 2718292  
 Fax: 0202720533  
 Web site: <http://www.ddsr.or.ke>

Editorial Team: Dr. D. Mutonga, Dr. D. Langat, Dr. P. Muthoka, Dr. O. Shikanga, Dr. L. Makayotto, C. Njuguna, J. Njau, J. Njoroge, H. Limo, Z. Irura, M. Badel, C. Maina, R. Kalani, D. Mwangi, A. MuangeJ., Ayaga, P. Njiru and F. Akinyi

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 51

Province	District	Reports Expected	Reports Received	%RR	Malaria Indicators				Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive	Positivity											
Central																			
	Gatundu	DNR	DNR	0	DNR	DNR	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kiambu East	36	32	88	451(0)	903	82	9.1	0(0)	202(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	44	24	54	207(0)	266	70	26.3	0(0)	53(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Kirinyaga Central	21	18	85	113(0)	235	1	0.4	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	41	83	320(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)
	Muranga South	50	36	72	347(0)	218	18	8.3	0(0)	73(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	22	73	173(0)	172	26	15.1	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyeri North	70	70	100	3(0)	211	3	1.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Thika	62	42	67	425(0)	258	5	1.9	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	24	48	204(0)	365	111	30.4	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	101(0)	101	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	221(0)	451	9	2.0	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	5	23	1(0)	205	1	0.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwea West	21	5	23	1(0)	205	1	0.5	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	17	85	1335(0)	318	71	22.3	0(0)	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	45	18	40	1862(0)	505	94	18.6	0(0)	3(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	32	80	964(0)	1038	311	30.0	0(0)	5(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	23	22	95	1181(0)	246	50	20.3	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Kwale	21	21	100	1550(0)	1032	260	25.2	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	34	33	97	391(0)	184	14	7.6	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	1177(0)	807	52	6.4	0(0)	0(0)	32(0)	1(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	20	95	339(0)	268	117	43.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	56	39	69	409(0)	668	138	20.7	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	16	100	549(0)	119	9	7.6	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	15	10	66	336(0)	122	48	39.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	14	14	100	296(0)	386	48	12.4	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

**Eastern**

	Chalbi	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Embu West	19	13	68	724(0)	566	68	12.0	0(0)	0(0)	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	6	42	157(0)	6	0	0.0	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Meru Central	22	19	86	852(0)	750	446	59.5	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	27	49	947(1)	643	194	30.2	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	67	40	59	1926(0)	2624	964	36.7	0(0)	33(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Isiolo	25	13	52	307(0)	535	129	24.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	14	50	276(0)	166	38	22.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	31	29	93	1363(1)	607	98	16.1	0(0)	61(0)	8(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	20	66	502(0)	160	62	38.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	5	41	36(0)	18	10	55.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	31	30	96	1326(0)	630	358	56.8	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	19	57	70(0)	426	16	3.8	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	44	41	93	1603(1)	564	88	15.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	11	5	45	225(0)	180	44	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	674(0)	268	195	72.8	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	12	50	384(0)	112	9	8.0	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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	Meru South	25	23	92	922(0)	769	340	44.2	0(0)	9(0)	0(0)	0(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	20	57	547(0)	107	35	32.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	30	29	96	695(0)	297	55	18.5	0(0)	43(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	22	48	701(0)	132	3	2.3	0(0)	2(0)	64(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzaui	22	20	90	444(0)	142	61	43.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	25	10	40	1258(0)	604	218	36.1	0(0)	43(0)	61(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	15	53	1201(0)	174	80	46.0	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	20	17	85	678(0)	291	44	15.1	0(0)	28(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	25	22	88	1062(0)	1168	691	59.2	0(0)	36(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	26	19	73	296(0)	435	130	29.9	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe North	25	15	60	655(0)	1588	222	14.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	31	26	83	896(0)	312	73	23.4	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	14	14	100	447(0)	317	28	8.8	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere South	23	23	100	507(0)	311	71	22.8	0(0)	38(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mukaa	17	14	82	271(0)	139	19	13.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

**Nairobi**

	Embakasi	30	10	33	143(0)	178	31	17.4	0(0)	14(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Westlands	16	11	68	43(0)	86	32	37.2	0(0)	61(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	18	60	45(0)	312	45	14.4	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	23	20	86	1038(0)	603	0	0.0	0(0)	517(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	50	30	60	781(0)	1070	140	13.1	0(0)	113(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	15	15	100	25(0)	51	7	13.7	0(0)	51(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	34	20	58	299(0)	175	32	18.3	0(0)	41(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	18	50	350(0)	281	59	21.0	0(0)	81(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

**North Eastern**

	Fafi	11	8	72	121(0)	51	9	17.6	0(0)	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	17	4	23	96(0)	841	47	5.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	12	7	58	87(0)	203	35	17.2	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	61(0)	53	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)

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	Mandera Central	7	6	85	208(0)	34	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 East	8	6	75	125(0)	100	32	32.0	0(0)	21(0)	103(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	7	87	155(0)	46	13	28.3	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	13	86	255(0)	89	31	34.8	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	158(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	9	75	211(0)	79	4	5.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	11	91	321(0)	99	53	53.5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera North	5	5	100	63(0)	36	5	13.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
<b>Nyanza</b>																			
	Bondo	27	24	96	1575(0)	610	223	36.6	0(0)	34(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Gucha	18	18	100	603(0)	165	142	86.1	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	16	84	529(0)	216	8	3.7	0(0)	4(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	30	19	66	1125(0)	370	178	48.1	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	34	28	82	769(0)	580	52	9.0	0(0)	33(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	11	100	379(0)	217	51	23.5	0(0)	17(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Kisumu East	54	48	88	2429(0)	1180	429	36.4	0(0)	19(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	24	22	95	1390(1)	436	131	30.0	0(0)	26(0)	0(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	72(0)	70	14	20.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	29	87	379(0)	345	9	2.6	0(0)	37(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	26	21	76	823(0)	250	128	51.2	0(0)	3(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	26	20	76	536(0)	257	3	1.2	0(0)	12(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	32	11	34	939(0)	249	137	55.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Rarieda	22	20	90	1317(0)	913	392	42.9	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	25	25	100	700(0)	637	176	27.6	0(0)	55(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)



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	Siaya	30	26	80	1167(0)	144	82	56.9	0(0)	7(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbita	27	19	70	696(0)	177	51	28.8	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatiike	28	26	92	1251(0)	610	117	19.2	0(0)	18(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ndhiwa	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyamache	13	13	100	383(0)	132	21	15.9	0(0)	19(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	26	13	50	651(0)	84	62	73.8	0(0)	16(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	15	100	431(0)	191	73	38.2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	29	18	89	1579(0)	571	173	30.3	0(0)	14(0)	27(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kenyenya	12	12	100	417(0)	120	27	22.5	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	805(0)	245	106	43.3	0(0)	54(0)	2(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marani	9	9	100	395(0)	237	8	3.4	0(0)	10(0)	0(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	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	NYAKACH	16	8	50	534(0)	69	6	8.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

**Rift Valley**

	Baringo	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Baringo North	37	25	67	572(0)	45	14	31.1	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	23	21	91	524(0)	127	12	9.4	0(0)	48(0)	1(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	27	15	55	503(0)	100	17	17.0	0(0)	0(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	38	31	81	621(0)	184	65	35.3	0(0)	11(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	10	33	328(0)	49	3	6.1	0(0)	10(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	18	14	77	303(0)	42	19	45.2	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	12	10	83	408(0)	72	21	29.2	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	38	32	84	486(0)	225	56	24.9	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	14	77	470(0)	153	65	42.5	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	122(0)	26	0	0.0	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Laikipia North	9	3	33	8(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	31	26	83	459(0)	0	0	0.0	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	25	20	80	438(0)	0	0	0.0	0(0)	15(0)	25(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet West	33	24	72	530(0)	58	9	15.5	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	9	8	88	216(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)	0(0)
	Naivasha	36	35	97	1308(0)	520	198	38.1	0(0)	75(0)	4(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	46	41	89	1176(0)	381	89	23.4	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nandi East	32	27	84	609(1)	287	59	20.6	0(0)	10(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	12	50	412(0)	222	37	16.7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	24	18	75	830(0)	98	34	34.7	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	32	100	418(0)	327	92	28.1	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	18	60	252(0)	158	46	29.1	0(0)	47(0)	4(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	19	95	400(0)	150	22	14.7	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	8	53	460(0)	312	110	35.3	0(0)	5(0)	1(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	8	66	126(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)
	Sotik	31	27	87	632(0)	162	14	8.6	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	9	90	169(0)	108	14	13.0	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	48	23	47	532(0)	211	6	2.8	0(0)	45(0)	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	23	100	764(0)	699	262	37.5	0(0)	132(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	24	100	1793(0)	585	150	25.6	0(0)	8(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana	46	7	15	448(1)	33	17	51.5	0(0)	0(0)	6(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Central																		
	Turkana North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Turkana South	20	7	35	303(0)	0	0	0.0	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	32	84	603(0)	240	112	46.7	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	20	83	828(0)	163	67	41.1	0(0)	8(1)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Belgut	19	11	57	300(0)	124	11	8.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuresoi	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Njoro	25	12	48	224(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)
	Marigat	16	15	93	264(0)	45	5	11.1	0(0)	3(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	28	21	75	618(0)	77	15	19.5	0(0)	8(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	22	9	40	96(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)
	Chepalungu	21	20	95	487(0)	58	3	5.2	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isinya	15	13	86	352(0)	74	13	17.6	0(0)	65(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	33	13	39	427(0)	111	50	45.0	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo South	32	25	78	480(0)	76	56	73.7	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gogstad	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR

**Western**

	Bungoma East	13	13	100	727(2)	718	407	56.7	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	721(0)	379	217	57.3	0(0)	10(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	22	22	100	2152(0)	1037	316	30.5	0(0)	101(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	9	9	100	1012(0)	610	190	31.1	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	7	100	703(1)	193	68	35.2	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	19	19	100	1991(0)	921	495	53.7	0(0)	95(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	10	100	1071(0)	559	201	36.0	0(0)	40(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	23	100	560(0)	202	76	37.6	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	13	100	771(0)	428	147	34.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	30	30	100	1831(0)	1190	543	45.6	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Kakamega East	14	14	100	993(0)	500	94	18.8	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kakamega North	20	20	100	631(2)	391	285	72.9	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kakamega South	11	11	100	691(0)	255	163	63.9	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Lugari	14	14	100	724(0)	6	3	50.0	0(0)	16(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Mt. Elgon	16	16	100	880(0)	760	289	38.0	0(0)	50(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Mumias	18	18	100	1164(0)	601	114	19.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Samia	11	11	100	848(0)	193	132	68.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Teso North	11	10	90	972(1)	259	93	35.9	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Vihiga	10	10	100	747(0)	720	312	43.3	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Matungu	10	10	100	613(0)	268	182	67.9	0(0)	36(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Teso South	9	9	100	1186(0)	415	177	42.7	0(0)	16(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Lukuyani	10	10	100	450(0)	148	15	10.1	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Matete	7	7	100	374(0)	55	17	30.9	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Sabatia	12	12	100	650(0)	139	49	35.3	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Butula	13	13	100	655(0)	301	210	69.8	0(0)	45(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Khwisero	14	14	100	710(0)	203	92	45.3	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Bungoma Central	14	14	100	539(0)	371	129	34.8	0(0)	39(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Kimilili Bungoma	8	8	100	560(0)	498	256	51.4	0(0)	56(0)	9(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 51 summary	0 (0)	940 (0)	107,592 (12)	56,487	16,737	70 (0)	5 (0)	3,866 (1)	0 (0)	3 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	702 (2)	58,167 (18)	8,391,271 (1,130)	4,259,673	1,451,287	3,368 (11)	134 (5)	271,630 (13)	11 (3)	102 (0)	0 (0)	0 (0)	0 (0)

Key:

DNR: District did not report for this disease

AFP: Acute Flaccid Paralysis

NNT: Neonatal Tetanus

HF: Health Facilities

MM: Meningococcal Meningitis

VHF: Viral Hemorrhagic Fever

NEP: North Eastern Province

% RR: Health Facility reporting rate for this week

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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)