



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 04

Week Ending 29th January 2012

Provincial & national surveillance indicators for week 04

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	17	17	17	84	100	100	95
Coast	13	12	12	92	92	100	94
Eastern	36	31	31	84	86	100	88
Nairobi	9	8	8	69	89	100	84
N. Eastern	12	12	12	81	100	100	94
Nyanza	34	33	33	88	97	100	94
R. Valley	56	50	50	83	89	100	89
Western	28	27	27	96	96	100	97
National	205	190	190	85	93	100	91

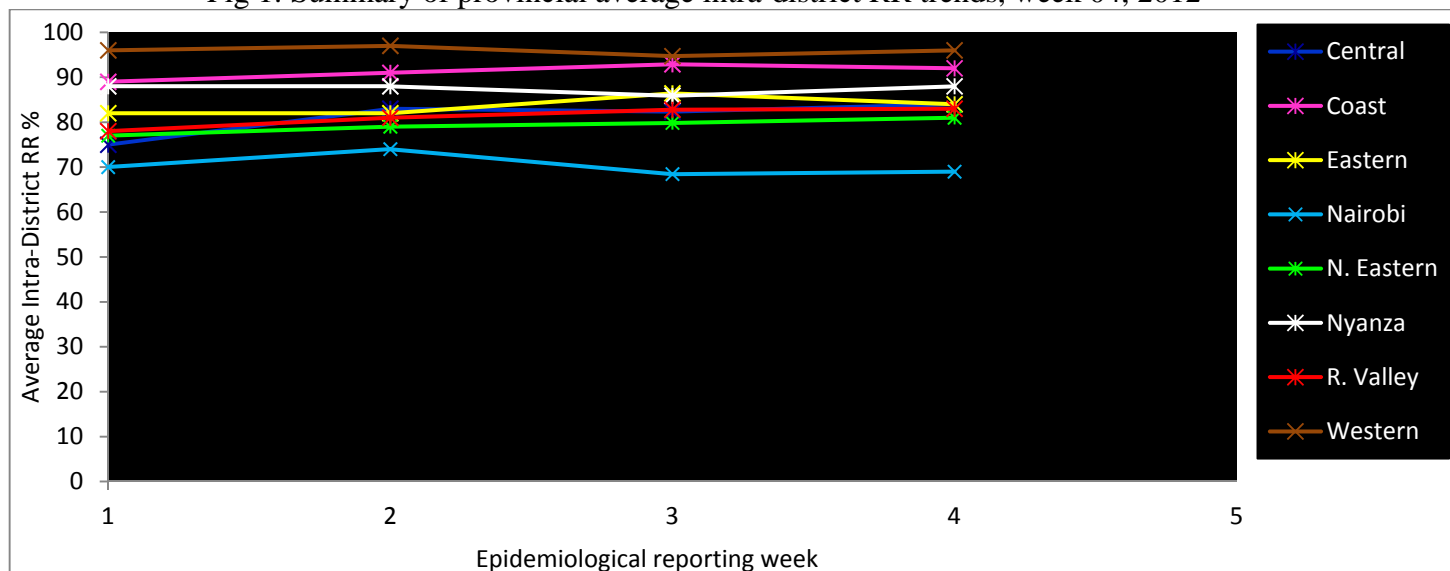
✚ Overall IDSR reporting performance stabilized in week 04

✚ 07 new measles cases confirmed in week 02

✚ Total confirmed measles cases in the country now 550 by week 02

www.ddsr.or.ke

Fig 1: Summary of provincial average intra-district RR trends, week 04, 2012



Reports not received from the following 18 districts

Mombasa, Marsabit, Mwingi, Athi River, Mbeere South, Mbooni East, Kamukunji, Rachuonyo, East Pokot, Eldoret East, Eldoret West, Nakuru North, Samburu East, Turkana North and Bungoma South

Fig. 2: Confirmed measles cases (n=550), week 04, 2012

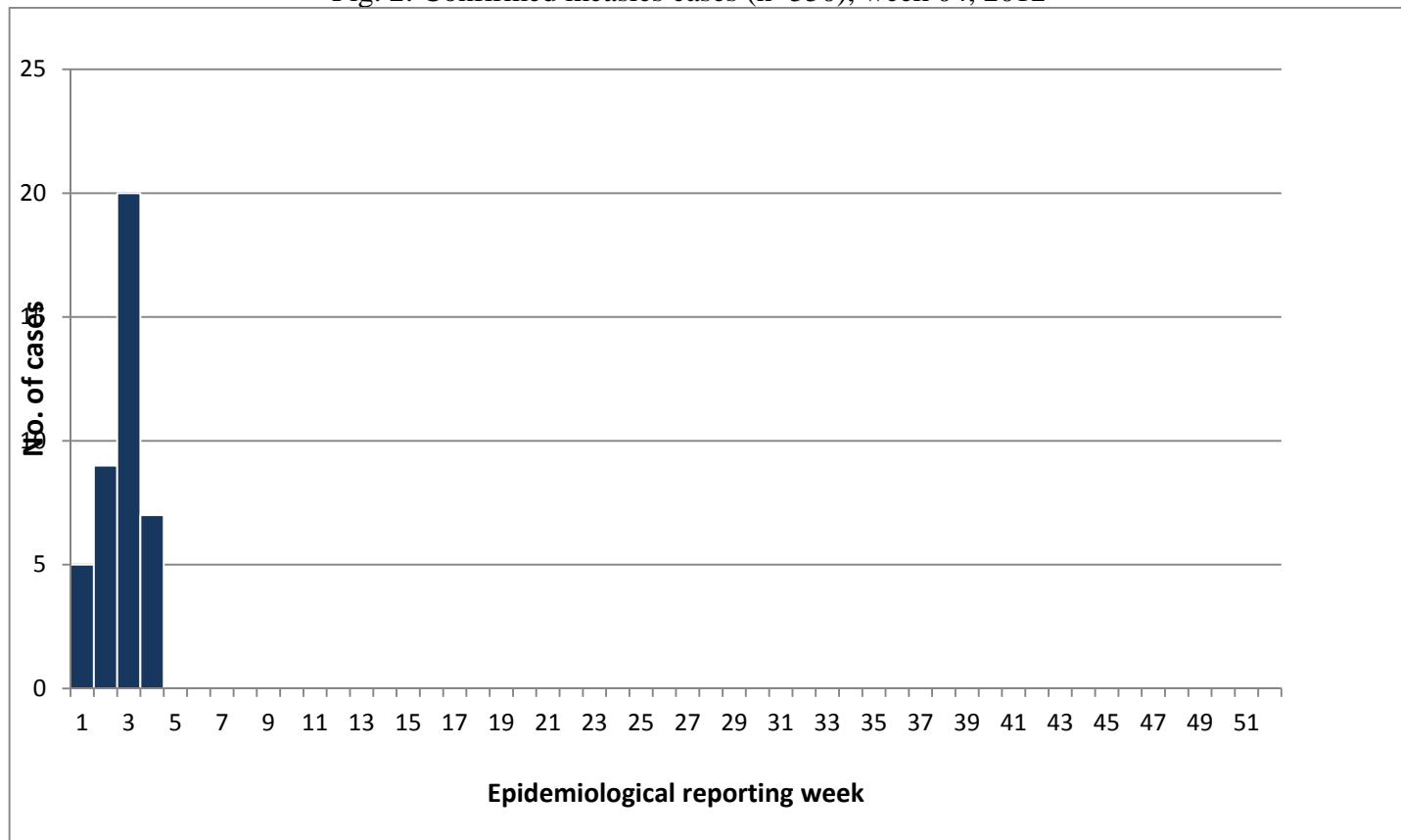
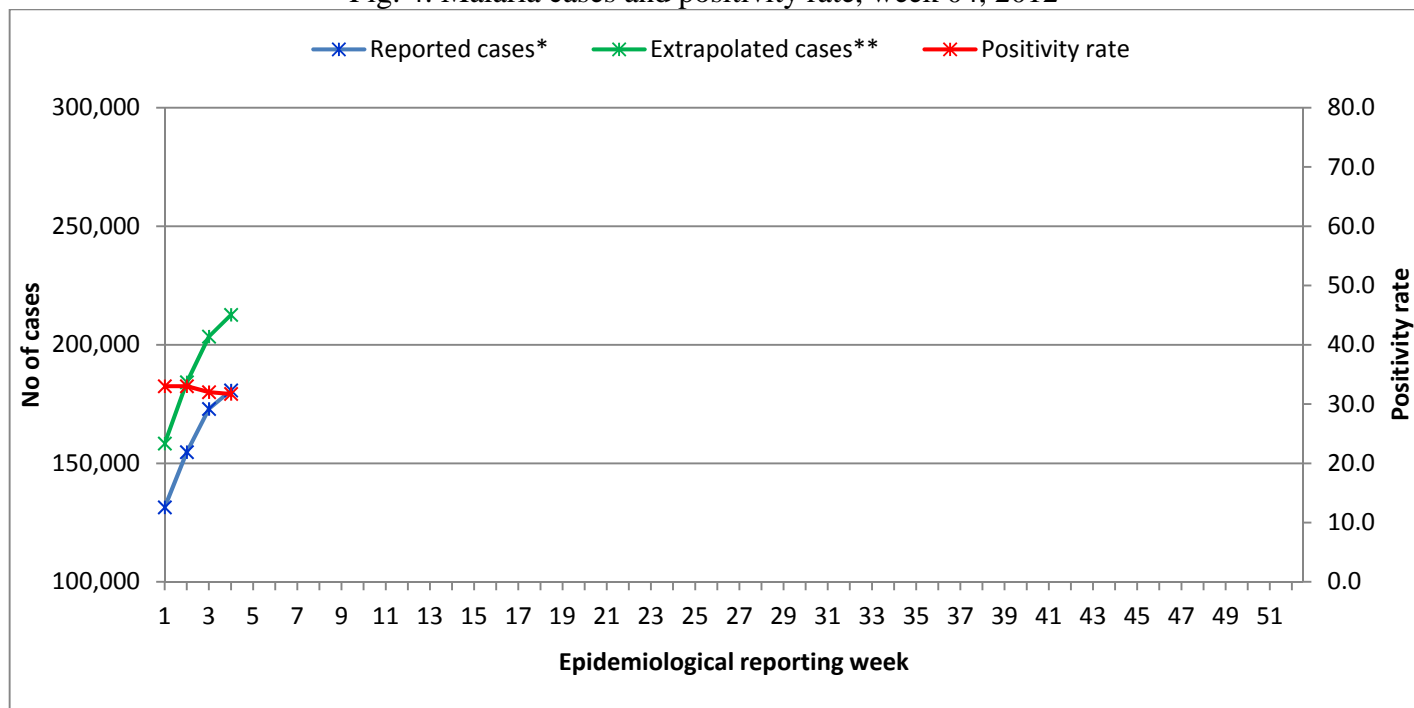


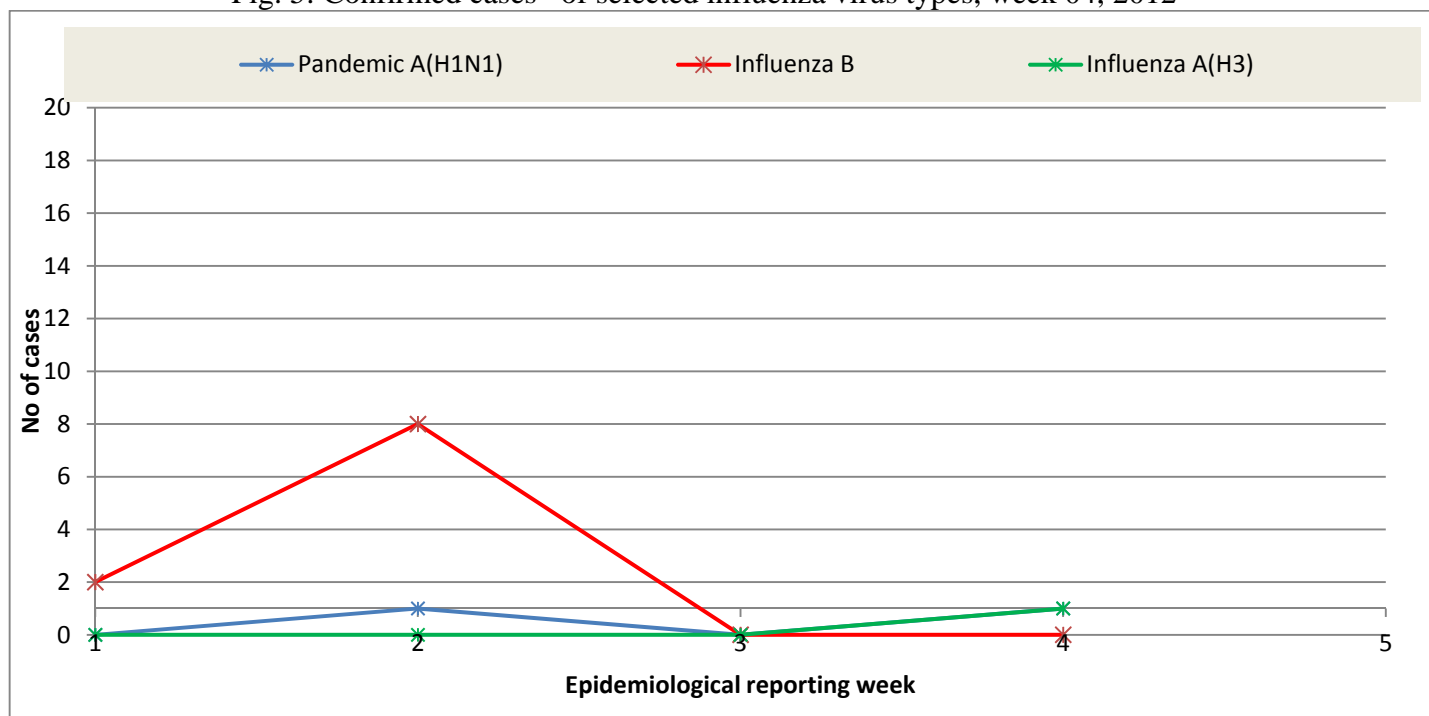
Fig. 4: Malaria cases and positivity rate, week 04, 2012



* 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 04, 2012



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

Highlights for the week

- ✦ **Nationally:**
 - The surveillance weighted aggregate score stabilized at 91% in week 04
 - The proportion of districts that reported increased from 91% in week 03 to 93% in week 04
 - The intra-district average reporting rate stabilized at 85% in week 04
- ✦ **Best performing provinces in week 04 of 2012:**
 - District reporting rate: North Eastern and Central Provinces had 100% district reporting while only 86% of districts in Eastern Province reported
 - Intra-district facility reporting rate: 95% of health facilities in Western province reported while only 69% of facilities reported in Nairobi Province
- ✦ **Most improved provinces in week 04 of 2012:**
 - Intra-district facility RR: Performance in Central (82% to 84%) and Nyanza (86% to 88%) Provinces improved the most.
 - District reporting rate: Performance in Central (88% to 100%) and Nairobi (78% to 89%) Provinces improved the most
- ✦ Sixty nine (34%) districts [stabilized at sixty nine (34%) districts in week 03] attained 100% intra-district reporting rate

Disease specific reports

Malaria

- ✦ Reported cases increased from 172,927 in week 03 to 180,720 in week 04
- ✦ Mortality decreased from 19 in week 03 to 13 in week 04
 - The deaths were reported from: Bungoma East (7), Teso North (2), Nakuru Central (1), Nandi East (1), Turkana South (1) and Butere (1) Districts
- ✦ Overall, 90,007 (50%) cases were laboratory tested, yielding a positivity rate of 32%

Cholera

- ✦ Zero cases were reported in the week

Measles

- ✦ 111 suspected cases (a decrease from 128 in week 03) were reported from 19 districts, with no reported death.
 - The cases were reported from: Igembe South (23), Turkana South (18), Turkana Central (13), Narok South (8), Mandera West (7), Narok North (7), Ndhiwa (6), Bondo (5), Lagdera (5), West Pokot (4), Trans Mara (2), Pokot Central (2), Taveta (2), Naivasha (2), Kisii Central (2), Kisumu East (2), Kipkelion (1), Siaya (1), Kisumu West (1) and Njiru (1) Districts
- ✦ The laboratory surveillance system received 34 case specimen from 17 districts.
 - Seven (21%) specimen tested positive for measles IgM.
 - The specimen were submitted from: Narok North (4), Kilindini (2) and Kilifi (1) Districts
- ✦ One (3%) specimen tested positive for rubella

Dysentery

- ✦ Reported cases decreased from 1120 in week 03 to 1042 in week 04 with no reported death

Typhoid fever

- ✦ Reported cases decreased from 5,462 in week 03 to 5,254 in week 04 with no reported death

AFP

- ✦ Two cases was reported in the week by Koibatek and Laikipia East Districts
- ✦ All investigated cases tested negative for polio virus

Meningococcal Meningitis

- ✦ Two cases were reported in the week by Laikipia East District

NNT

- ✦ Zero cases were reported in the week

Influenza (Walter Reed Influenza Surveillance)

Fifty five specimen were submitted to the national influenza center by the Walter Reed Influenza Surveillance system in the week

- One tested positive for pandemic influenza A (H1N1)
- One tested positive for influenza A (H3)
- All tested negative for influenza A (H1), A (H5) and Influenza B virus

For comments please contact:

Head, Division of Disease Surveillance and Response
 M/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

Division of Disease Surveillance & Response - www.ddsr.or.ke

Summary of Weekly Integrated Disease Surveillance and Response Report for week 04

Province	District	Reports Expected	Reports Received	%RR	Malaria	Malaria Indicators			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
						Cases	Positive	Positivity rate											
Central																			
	Gatundu	42	38	90	220(0)	220	3	1.4	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	36	100	578(0)	1072	55	5.1	0(0)	183(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	44	34	77	273(0)	298	101	33.9	0(0)	90(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga Central	21	18	85	254(0)	234	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	349(0)	65	2	3.1	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	36	70	332(0)	405	9	2.2	0(0)	94(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	25	83	200(0)	491	61	12.4	0(0)	94(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	30	28	93	77(0)	272	8	2.9	0(0)	16(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)	357	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	37	68	171(0)	171	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	55	88	617(0)	336	8	2.4	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kikuyu	28	22	78	120(0)	201	61	30.3	0(0)	22(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ruiru	40	34	85	339(0)	702	105	15.0	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	111(0)	111	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	20	86	215(0)	391	6	1.5	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	4(0)	517	4	0.8	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	11	100	234(0)	349	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)
Coast																			
	Kaloleni	20	18	90	1841(0)	621	161	25.9	0(0)	1(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	45	43	95	2495(0)	331	103	31.1	0(0)	2(0)	82(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	38	95	990(0)	1238	608	49.1	0(0)	1(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	23	22	95	2460(0)	1124	685	60.9	0(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	21	100	2013(0)	1437	394	27.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	34	33	97	533(0)	317	13	4.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Division of Disease Surveillance & Response - www.ddsr.or.ke

	Malindi	47	47	100	1480(0)	1540	191	12.4	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Msambweni	21	13	61	1046(0)	556	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)
	Taita	56	45	80	554(0)	988	131	13.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	16	100	470(0)	192	47	24.5	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	15	100	560(0)	233	139	59.7	0(0)	5(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	14	14	100	482(0)	572	74	12.9	0(0)	6(0)	5(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																			
	Chalbi	11	7	63	84(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	1003(0)	879	115	13.1	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	354(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)
	Igembe South	35	27	77	1853(0)	765	304	39.7	0(0)	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	20	90	854(0)	1354	692	51.1	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	38	38	100	2153(0)	2767	964	34.8	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	64	63	98	3386(0)	3899	1952	50.1	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	25	20	80	548(0)	408	67	16.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	30	29	96	842(0)	352	35	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	30	96	2200(0)	780	130	16.7	0(0)	103(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	85	80	94	4626(0)	2426	1083	44.6	0(0)	11(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	30	22	73	824(0)	264	95	36.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	8	66	77(0)	13	8	61.5	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	31	28	90	2054(0)	1039	543	52.3	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	5	15	132(0)	330	1	0.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	29	44	151	2279(0)	803	133	16.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mbeere North	12	11	91	669(0)	270	95	35.2	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni West	12	11	91	350(0)	143	33	23.1	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	27	21	77	1550(0)	1536	685	44.6	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	23	2	8	199(0)	3	0	0.0	0(0)	6(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	35	31	88	1262(0)	159	47	29.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Division of Disease Surveillance & Response - www.ddsr.or.ke

	Mwala	32	29	90	979(0)	586	94	16.0	0(0)	55(0)	2(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
	Nzaui	22	16	72	677(0)	107	48	44.9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	25	11	44	1802(0)	630	107	17.0	0(0)	62(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	16	57	1700(0)	408	130	31.9	0(0)	23(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	24	20	83	871(0)	494	125	25.3	0(0)	26(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	25	24	96	2577(0)	1320	866	65.6	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Igembe North	25	25	100	1656(0)	843	469	55.6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	28	27	96	1150(0)	234	40	17.1	0(0)	51(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	14	14	100	552(0)	444	40	9.0	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mukaa	17	17	100	516(0)	338	34	10.1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni East	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR

Nairobi

	Embakasi	63	39	61	714(0)	385	50	13.0	0(0)	22(0)	3(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	140(0)	160	54	33.8	0(0)	73(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	18	60	77(0)	374	77	20.6	0(0)	25(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	23	18	78	3261(0)	400	0	0.0	0(0)	435(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	50	35	70	820(0)	916	320	34.9	0(0)	143(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	23	16	69	43(0)	339	21	6.2	0(0)	62(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	34	27	79	322(0)	219	59	26.9	0(0)	39(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	26	72	275(0)	230	75	32.6	0(0)	53(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

North Eastern

	Fafi	12	9	75	68(0)	85	12	14.1	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	17	10	58	140(0)	573	46	8.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	12	11	91	224(0)	381	87	22.8	0(0)	8(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	11	8	72	25(0)	53	2	3.8	0(0)	0(0)	4(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	7	7	100	148(0)	90	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	91(0)	63	11	17.5	0(0)	10(0)	38(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Division of Disease Surveillance & Response - www.ddsr.or.ke

	East																		
	Mandera West	8	7	87	210(0)	44	10	22.7	0(0)	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	15	100	1127(0)	1128	122	10.8	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	263(0)	33	10	30.3	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	8	66	180(0)	96	6	6.3	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	10	83	130(0)	29	14	48.3	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	38(0)	45	1	2.2	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	23	88	2481(0)	1054	372	35.3	0(0)	43(0)	20(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	13	48	377(0)	141	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)
	Gucha	18	18	100	932(0)	332	141	42.5	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	18	94	962(0)	314	22	7.0	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	24	80	1177(0)	592	230	38.9	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	34	32	94	1280(0)	1372	52	3.8	0(0)	101(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	11	100	601(0)	393	66	16.8	0(0)	13(0)	52(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	50	92	2150(0)	864	300	34.7	0(0)	14(0)	3(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	25	24	96	2705(0)	1229	349	28.4	0(0)	42(0)	8(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	11	68	404(0)	34	24	70.6	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	23	95	1216(0)	207	68	32.9	0(0)	18(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	18	17	94	75(0)	73	13	17.8	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	16	16	100	565(0)	262	6	2.3	0(0)	90(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	26	25	96	800(0)	231	79	34.2	0(0)	9(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	26	26	100	612(0)	564	7	1.2	0(0)	16(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	31	14	45	1702(0)	615	228	37.1	0(0)	7(0)	1(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	22	100	2264(0)	1354	590	43.6	0(0)	51(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	26	26	100	1820(0)	1126	397	35.3	0(0)	72(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	31	29	93	3333(0)	441	172	39.0	0(0)	35(0)	22(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbita	27	22	81	1624(0)	495	146	29.5	0(0)	9(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatiike	28	25	89	1603(0)	635	113	17.8	0(0)	10(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Division of Disease Surveillance & Response - www.ddsr.or.ke

	Ndhiwa	26	25	96	2983(0)	1442	425	29.5	0(0)	5(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamache	13	13	100	339(0)	164	21	12.8	0(0)	17(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	26	23	88	1437(0)	517	348	67.3	0(0)	71(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	15	100	846(0)	274	199	72.6	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	30	30	100	2744(0)	1685	686	40.7	0(0)	67(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kenyenya	12	12	100	612(0)	205	39	19.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	19	18	94	1754(0)	320	126	39.4	0(0)	65(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marani	9	9	100	539(0)	273	17	6.2	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo North	26	11	42	979(0)	129	145	112.4	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira North	26	26	100	610(0)	173	4	2.3	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	NYAKACH	16	7	43	663(0)	247	58	23.5	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba south	16	16	100	387(0)	108	8	7.4	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Rift Valley

	Baringo	31	25	80	515(0)	88	33	37.5	0(0)	14(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	26	70	660(0)	86	34	39.5	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	23	22	95	1038(0)	294	8	2.7	0(0)	144(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	27	25	92	1644(0)	762	87	11.4	0(0)	0(0)	41(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	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Eldoret West	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kajiado	30	23	76	515(0)	151	40	26.5	0(0)	33(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	18	18	100	483(0)	194	41	21.1	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	13	9	69	346(0)	32	2	6.3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	41	32	78	855(0)	244	7	2.9	0(0)	68(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	40	40	100	1010(0)	192	55	28.6	0(0)	12(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Kwanza	19	18	94	1170(0)	498	206	41.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	12	85	133(0)	44	1	2.3	0(0)	24(0)	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Laikipia North	9	8	88	58(0)	0	0	0.0	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	19	18	94	374(0)	171	47	27.5	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Division of Disease Surveillance & Response - www.ddsr.or.ke

	Loitokitok	25	18	72	428(0)	0	0	0.0	0(0)	9(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet West	33	24	72	576(0)	41	10	24.4	0(0)	20(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	9	8	88	180(0)	0	0	0.0	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	36	35	97	1007(0)	369	151	40.9	0(0)	93(0)	6(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru Central	20	19	95	165(1)	525	102	19.4	0(0)	25(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nandi Central	26	20	76	846(0)	0	0	0.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi East	32	27	84	663(1)	313	57	18.2	0(0)	24(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	20	83	794(0)	374	69	18.4	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	21	87	1154(0)	106	44	41.5	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	32	100	607(0)	469	118	25.2	0(0)	50(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	21	70	514(0)	182	37	20.3	0(0)	36(0)	4(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	19	95	752(0)	309	44	14.2	0(0)	74(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	11	73	460(0)	391	120	30.7	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu Central	25	12	48	362(0)	0	0	0.0	0(0)	44(0)	6(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	12	10	83	281(0)	0	0	0.0	0(0)	16(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	31	29	93	1280(0)	210	21	10.0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	10	100	147(0)	113	14	12.4	0(0)	20(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	50	31	62	1219(0)	480	17	3.5	0(0)	26(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	24	24	100	1014(0)	853	321	37.6	0(0)	173(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	2001(0)	587	179	30.5	0(0)	8(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	48	44	91	2603(0)	1358	759	55.9	0(0)	120(0)	16(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Turkana South	24	13	54	882(1)	360	178	49.4	0(0)	3(0)	1(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Division of Disease Surveillance & Response - www.ddsr.or.ke

	Wareng	39	38	97	1344(0)	1004	343	34.2	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	30	25	83	1013(0)	398	122	30.7	0(0)	63(0)	34(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Belgut	19	14	73	711(0)	312	27	8.7	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuresoi	32	24	75	234(0)	144	27	18.8	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njoro	25	12	48	184(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)
	Marigat	16	16	100	610(0)	109	26	23.9	0(0)	19(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	28	21	75	341(0)	99	20	20.2	0(0)	3(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	22	22	100	496(0)	128	58	45.3	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Chepalungu	21	21	100	1076(0)	173	25	14.5	0(0)	73(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isinya	15	12	80	368(0)	42	0	0.0	0(0)	51(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	33	19	57	417(0)	257	82	31.9	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo South	32	25	78	644(0)	49	24	49.0	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyahururu	12	12	100	355(0)	127	21	16.5	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Subukia	14	8	57	336(0)	219	110	50.2	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongai	19	8	42	296(0)	0	0	0.0	0(0)	64(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	997(7)	790	557	70.5	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	949(0)	522	236	45.2	0(0)	23(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	DNR	DNR	0	DNR	DNR	DNR	0.0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Bungoma West	9	9	100	1103(0)	756	353	46.7	0(0)	35(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	7	100	1212(0)	478	151	31.6	0(0)	14(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	19	19	100	2525(0)	1462	568	38.9	0(0)	95(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	10	100	1655(1)	800	316	39.5	0(0)	45(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	23	100	1651(0)	320	166	51.9	0(0)	54(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	14	14	100	1159(0)	450	172	38.2	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	29	29	100	2916(0)	1843	800	43.4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East	14	14	100	940(0)	641	162	25.3	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North	20	20	100	1300(0)	466	334	71.7	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Division of Disease Surveillance & Response - www.ddsr.or.ke

	Kakamega South	11	11	100	1048(0)	668	345	51.6	0(0)	48(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	14	14	100	1068(0)	84	17	20.2	0(0)	21(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	16	16	100	666(0)	580	164	28.3	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	18	18	100	2020(0)	888	256	28.8	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	11	11	100	1255(0)	334	145	43.4	0(0)	19(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso North	11	10	90	2416(2)	0	0	0.0	0(0)	17(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	10	10	100	869(0)	458	202	44.1	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	11	11	100	1377(0)	479	259	54.1	0(0)	30(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso South	9	9	100	1876(0)	260	170	65.4	0(0)	63(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lukuyani	10	10	100	653(0)	87	29	33.3	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matete	7	7	100	522(0)	91	28	30.8	0(0)	90(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sabatia	12	12	100	1131(0)	387	112	28.9	0(0)	56(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butula	13	13	100	2398(0)	734	428	58.3	0(0)	37(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Khwisero	14	14	100	1130(0)	364	172	47.3	0(0)	8(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma Central	14	14	100	561(0)	342	117	34.2	0(0)	18(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kimilili Bungoma	8	8	100	489(0)	423	226	53.4	0(0)	49(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 04 summary	0 (0)	1,042 (0)	180,720 (13)	90,007	28,513	111 (0)	2 (0)	5,254 (0)	0 (0)	2 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	0 (0)	4,268 (2)	639,757 (64)	328,782	106,873	361 (1)	7 (0)	20,006 (5)	0 (0)	7 (0)	0 (0)	0 (0)	0 (0)

Division of Disease Surveillance & Response - www.ddsr.or.ke

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)