



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 32

Week Ending 14th August 2011

Provincial & national surveillance indicators for week 32

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	13	13	93	100	100	98
Eastern	34	34	34	84	100	100	95
Nairobi	9	9	9	68	100	100	89
N. Eastern	11	11	11	86	100	100	95
Nyanza	32	28	28	80	88	100	87
R. Valley	52	49	49	77	94	100	89
Western	28	28	28	99	100	100	100
National	196	185	185	81	94	100	91

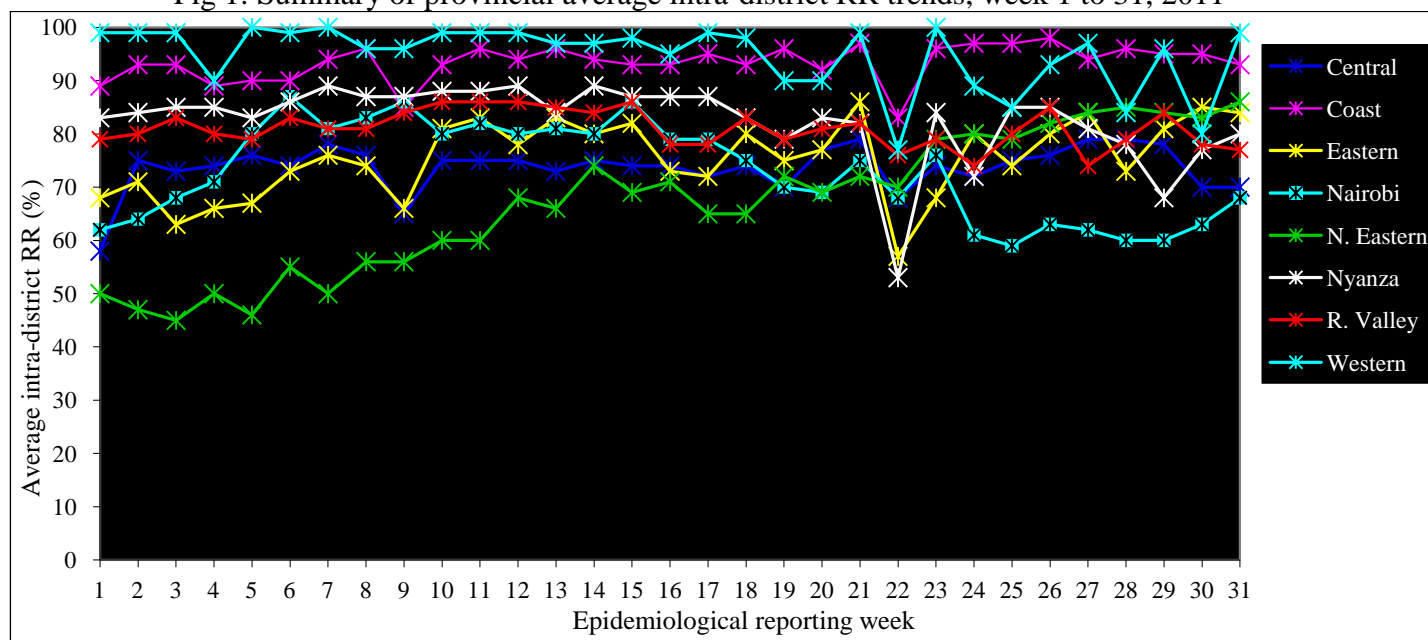
⊕ Overall IDSR reporting performance improved in week 31 as compared to week 30

⊕ Six new measles cases confirmed in week 31 in 5 districts

⊕ Total confirmed measles cases in the country now 292 by week 31

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Fig 1: Summary of provincial average intra-district RR trends, week 1 to 31, 2011



Reports not received from the following 11 districts

Ruiru, Kirinyaga West, Kirinyaga East, Mwea West, Rachuonyo, Kinyenya, Suba, Rachuonyo North, Laikipia North, Nakuru North, Nandi East

Fig. 2: Confirmed measles cases (n=292), week 1 to 31, 2011

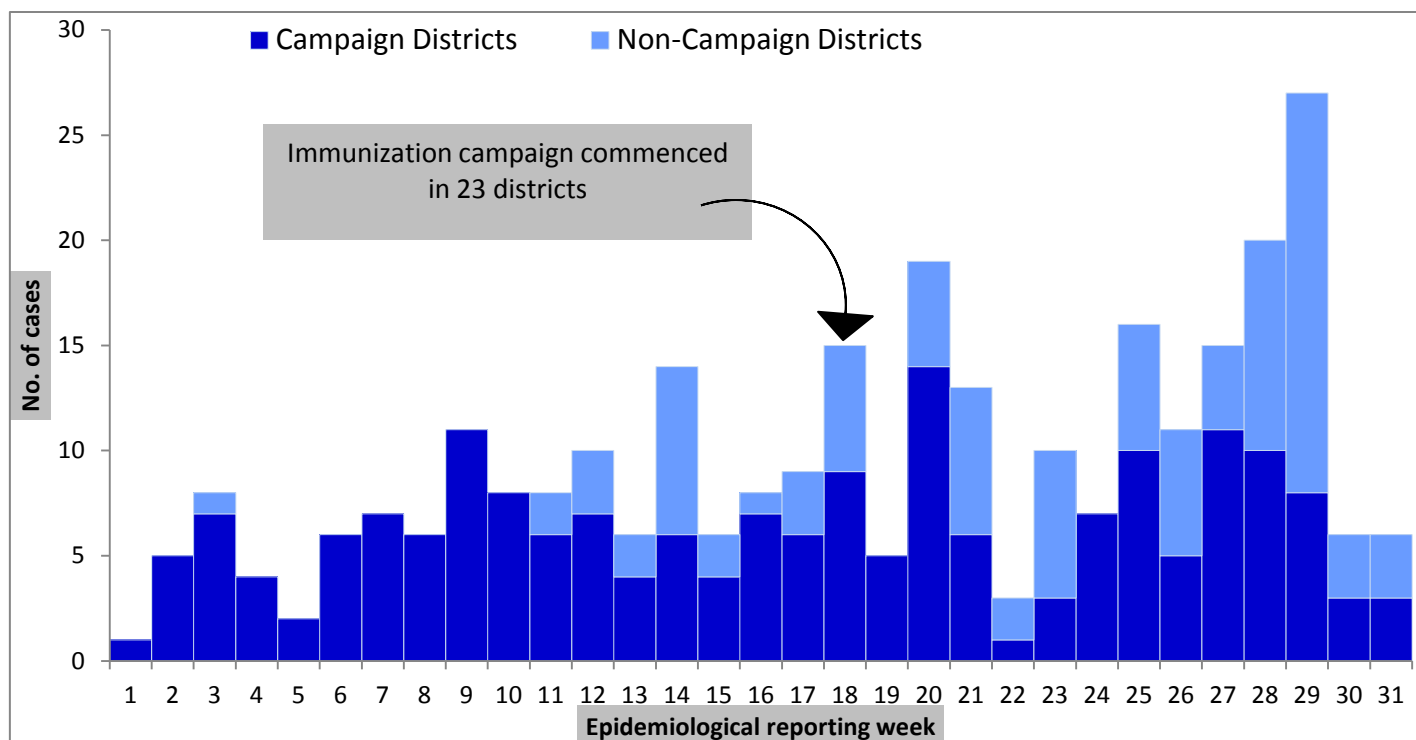


Fig. 3: Confirmed measles cases (n=292) by reporting district, week 1 to 31, 2011

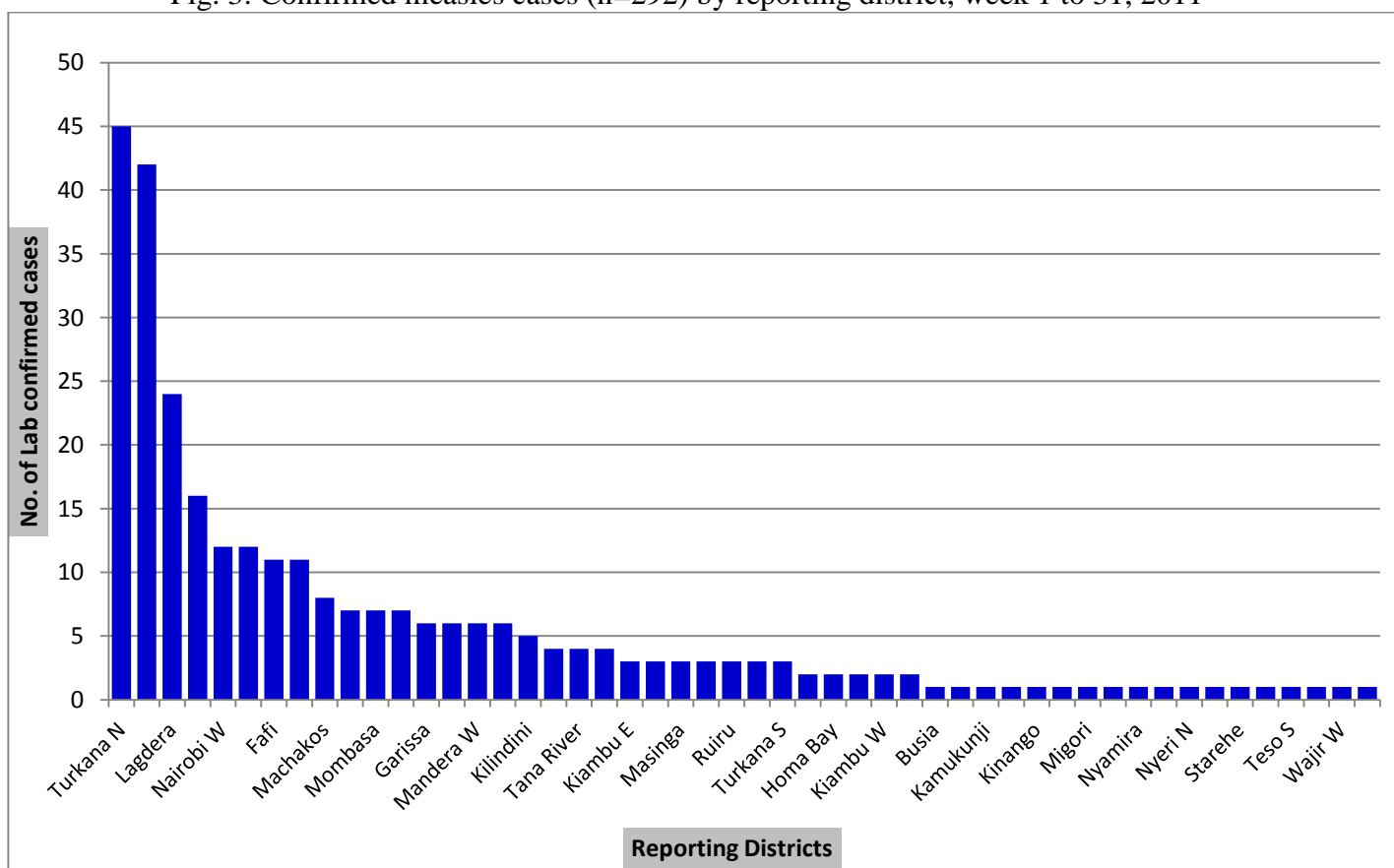
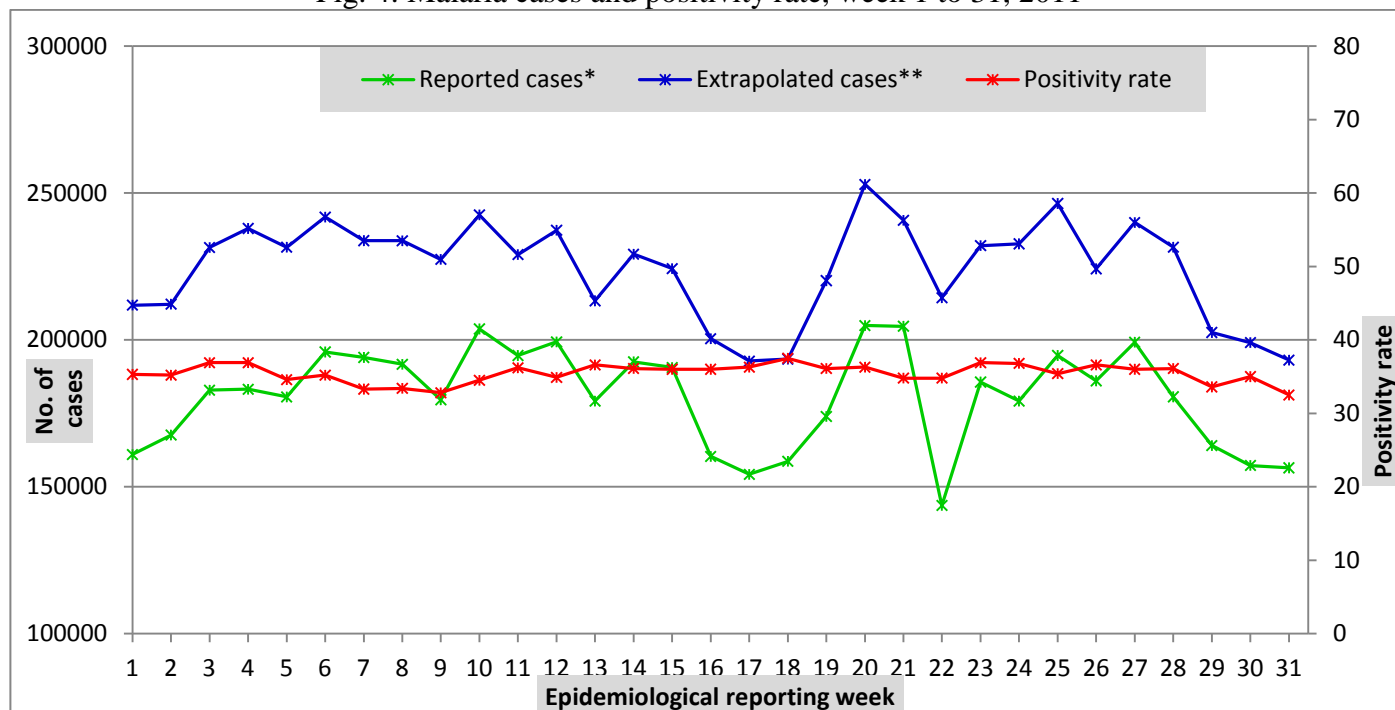


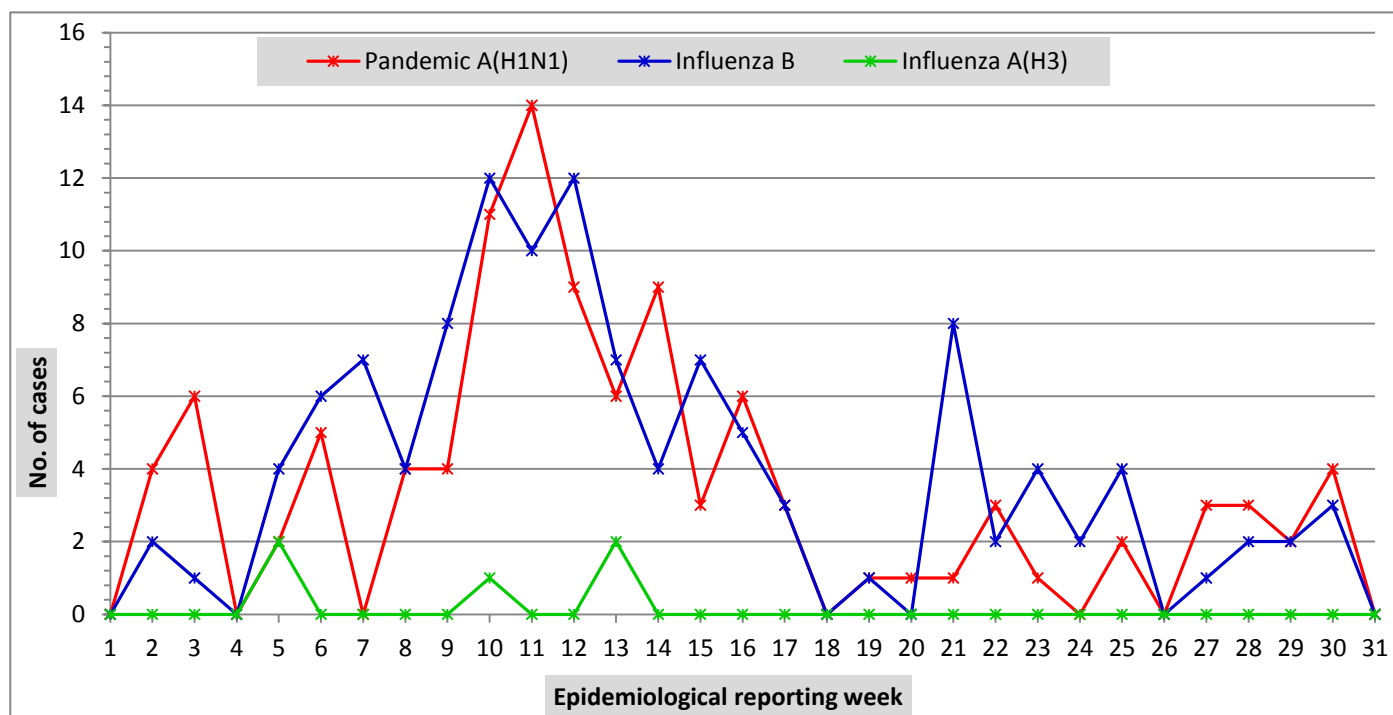
Fig. 4: Malaria cases and positivity rate, week 1 to 31, 2011



* 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 31, 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 rose from 89% in week 30 to 91% in week 31
 - The proportion of districts that reported also rose from 92% to 94%
 - The intra-district average reporting rate improved from 79% in week 30 to 81%
- ⊕ Best performing provinces in week 31 of 2011:
 - District reporting rate: Coast, Eastern, Nairobi, North Eastern and Western provinces had 100% district reporting while only 76% of districts in Central province reported
 - Intra-district facility reporting rate: 99% of health facilities Western and 93% of those in Coast province reported while only 68% of health facilities in Nairobi province reported
- ⊕ Most improved provinces in week 31 of 2011:
 - Intra-district facility RR: Western province (80% to 99%) improved the most while Coast (95% to 93%), Eastern (85% to 84%) and Rift Valley (78% to 77%) provinces are the only provinces that declined in performance
 - District reporting rate: Western (82% to 100%) and Nairobi (89% to 100%) provinces improved the most while Nyanza (91% to 88%) and Rift Valley (96% to 94%) are the only provinces that declined in performance in the week
- ⊕ Sixty two (32%) districts [a rise from fifty one (26%) districts in week 30] attained 100% intra-district reporting rate

Disease specific reports

Malaria

- ⊕ Reported cases decreased from 157,267 in week 30 to 156,435 in week 31
- ⊕ Mortality however rose from 23 cases in week 30 to 27 cases in week 31
 - The deaths were reported from: Imenti North (7), Kitui (3), Kibwezi (3), Nakuru Central (2), Bungoma East (2), Teso North (2), Kakamega North (2), Pokot North (1), Belgut (1), Bungoma South (1), Rarieda (1), Trans Nzoia West (1) and Embu East (1) districts
- ⊕ Overall, 83,009 (53%) cases were laboratory tested, yielding a positivity rate of 32.5%

Cholera

- ⊕ Zero cases were reported in the week

Measles

- ⊕ 58 suspected cases (a rise from 45 in week 30) were reported from 19 districts, with no reported deaths
 - The suspected cases were reported from: Turkana South (12), Mwingi (7), Kuria East (6), Turkana Central (5), Kirinyaga Central (4), Igembe North (4), Athi River (3), Taita (2), Mbeere North (2), Naivasha (2), Trans Mara (2), Kajiado North (2), Kilifi (1), Embu West (1), Kitui (1), Meru South (1), Wajir South (1), Laikipia East (1) and West Pokot (1) districts
- ⊕ The laboratory surveillance system investigated 36 case specimen from 22 districts
 - Six (17%) specimen tested positive for measles IgM
 - The specimen were submitted from: Machakos (2), Lagdera (1), Turkana North (1), Embu (1) and Fafi (1) districts
- ⊕ Another 3 (8%) specimen tested positive for rubella

Dysentery

- ⊕ Reported cases declined from 839 in week 30 to 753 in week 31 with no reported death

Typhoid fever

- ⊕ Reported cases rose from 5,118 in week 30 to 5,336 in week 31 with no reported death

AFP

- ⊕ Four cases were reported in the week with no death
- ⊕ The cases were reported from Rongo (1), Siaya (1), Gem (1) and Nakuru Central (1) districts
- ⊕ None tested positive for world polio virus

Meningococcal Meningitis

- ⊕ Zero cases were reported in the week

NNT

- ⊕ One case was reported in the week with no death
- ⊕ The case was reported from Kirinyaga Central district

Influenza (Walter Reed Influenza Surveillance)

- ⊕ No specimen were submitted to the national influenza center for testing during the week

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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Tana Delta	16	100	16	611(0)	152	24	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	61	13	424(0)	149	82	0(0)	6(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	13	471(0)	498	82	0(0)	5(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																		
	Chalbi	11	81	9	60(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	30	90	27	1625(0)	1353	197	0(0)	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	78	11	366(0)	59	23	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe South	25	100	25	1751(0)	565	382	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	95	21	991(0)	1105	488	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	92	51	1814(7)	2562	888	0(0)	83(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	70	71	50	2617(0)	2796	1296	0(0)	88(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	25	92	23	724(0)	534	107	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	71	20	340(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)
	Kibwezi	30	96	29	1107(3)	581	107	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	80	92	74	2871(3)	1445	654	0(0)	23(0)	36(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	30	83	25	525(0)	76	39	0(0)	6(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	75	9	63(0)	0	0	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	29	100	29	1407(0)	939	439	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	48	16	492(0)	231	50	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	43	97	42	1154(0)	385	70	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	12	83	10	216(0)	107	9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere North	10	100	10	497(0)	345	159	0(0)	36(0)	4(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	91	22	1225(0)	451	85	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	25	100	25	839(0)	975	497	0(0)	45(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	22	81	18	235(0)	51	4	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	20	95	19	412(0)	93	15	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	87	28	556(0)	269	32	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	55	25	751(0)	0	0	0(0)	0(0)	4(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzaui	36	52	19	524(0)	232	56	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	23	65	15	947(0)	665	346	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	71	20	1268(0)	332	147	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	20	100	20	601(0)	363	107	0(0)	56(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	25	100	25	1591(1)	1753	733	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	26	73	19	321(0)	123	62	0(0)	22(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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					Cases	Tested	Positive											
	Igembe North	25	96	24	1146(0)	850	584	0(0)	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	34	91	31	1085(0)	359	79	0(0)	11(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	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)	0(0)	0(0)
	Mbeere South	22	100	19	733(0)	497	128	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																		
	Embakasi	30	80	24	1050(0)	600	201	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	27	77	21	139(0)	96	35	0(0)	111(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Westlands	16	68	11	93(0)	106	47	0(0)	42(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njiru	30	50	15	324(0)	312	86	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	20	60	12	469(0)	288	5	0(0)	208(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	40	72	29	718(0)	1036	401	0(0)	108(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	15	66	10	10(0)	134	8	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	35	65	23	355(0)	169	50	0(0)	38(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	69	25	297(0)	317	66	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
North Eastern																		
	Fafi	11	81	9	33(0)	47	0	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	17	82	14	291(0)	497	128	0(0)	50(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	9	100	9	205(0)	122	13	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	11	90	10	63(0)	94	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	11	81	9	137(0)	66	4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	9	88	8	184(0)	103	20	0(0)	10(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	75	6	138(0)	54	10	0(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	100	15	290(0)	57	26	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	83	5	179(0)	26	12	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	83	10	160(0)	15	2	0(0)	5(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	75	9	166(0)	30	16	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	100	26	1935(0)	964	379	0(0)	71(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	92	25	1482(0)	209	8	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	27	100	27	943(0)	390	102	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	94	18	435(0)	263	22	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	30	86	26	1436(0)	1106	314	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	34	88	30	1107(0)	365	24	0(0)	193(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	11	604(0)	254	58	0(0)	11(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Kisumu East	54	92	50	2980(0)	1215	455	0(0)	15(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	90	20	1326(0)	653	300	0(0)	23(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	68	11	591(0)	82	27	0(0)	9(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	95	23	930(0)	97	27	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	18	94	17	87(0)	50	12	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	84	27	647(0)	358	30	0(0)	104(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	26	100	26	1111(0)	453	264	0(0)	7(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	26	100	26	732(0)	467	10	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	51	24	1444(0)	335	114	0(0)	8(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	35	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Rarieda	22	100	22	1914(1)	947	428	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	25	100	25	1151(0)	783	305	0(0)	97(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Siaya	30	86	26	2075(0)	377	190	0(0)	73(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Mbita	27	92	25	1173(0)	255	88	0(0)	26(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatike	28	100	28	1230(0)	452	145	0(0)	20(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	NDHIWA	26	92	24	1313(0)	994	270	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamache	13	92	12	644(0)	291	144	0(0)	6(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	22	63	14	1074(0)	388	283	0(0)	22(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	100	15	569(0)	187	77	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	28	64	18	1401(0)	0	0	0(0)	56(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Kinyenya	DNR	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Suba	18	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Marani	9	100	9	677(0)	318	20	0(0)	17(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo North	26	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyamira North	26	96	25	660(0)	111	14	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																		
	Baringo	31	90	28	487(0)	79	36	0(0)	9(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	83	31	601(0)	32	19	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	23	100	23	655(0)	245	30	0(0)	76(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	27	88	24	1328(0)	575	109	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	17	52	9	357(0)	0	0	0(0)	7(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	38	94	36	1105(0)	362	134	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	85	34	1223(0)	721	136	0(0)	48(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	30	70	21	501(0)	105	49	0(0)	14(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Keiyo	20	80	16	289(0)	190	35	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	75	9	545(0)	248	94	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	68	26	607(0)	284	29	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	37	94	35	740(0)	306	68	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	88	16	949(0)	530	276	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	85	12	146(0)	31	0	0(0)	15(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Laikipia West	27	96	26	708(0)	0	0	0(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	25	72	18	458(0)	0	0	0(0)	13(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet West	33	72	24	559(0)	0	0	0(0)	10(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	8	87	7	288(0)	0	0	0(0)	9(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	36	83	30	1112(0)	204	103	0(0)	47(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru Central	45	95	43	386(2)	823	42	0(0)	119(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Nakuru North	46	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nandi Central	26	80	21	835(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	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nandi North	24	54	13	370(0)	204	54	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	87	21	1309(0)	114	50	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	100	32	469(0)	290	58	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	83	25	414(0)	117	16	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	100	20	916(0)	276	79	0(0)	72(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	80	12	963(1)	732	285	0(0)	29(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu Central	24	62	15	301(0)	0	0	0(0)	35(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	69	9	162(0)	0	0	0(0)	6(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	12	83	10	199(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)
	Sotik	31	100	31	1024(0)	286	19	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	100	10	195(0)	110	9	0(0)	10(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	48	81	39	1262(0)	329	16	0(0)	15(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	100	23	712(0)	702	279	0(0)	94(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	100	24	1819(1)	623	211	0(0)	8(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	72	29	1641(0)	716	392	0(0)	75(0)	3(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	65	17	618(0)	1028	257	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	24	54	13	416(0)	20	8	0(0)	22(0)	19(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	100	38	1277(0)	759	244	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	West Pokot	24	87	21	1199(0)	440	150	0(0)	113(0)	14(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Belgut	19	63	12	573(1)	203	33	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuresoi	32	50	16	480(0)	0	0	0(0)	136(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njoro	21	52	11	268(0)	0	0	0(0)	8(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marigat	16	93	15	512(0)	0	0	0(0)	23(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	33	72	24	512(0)	75	33	0(0)	9(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	22	68	15	523(0)	72	30	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Chepalungu	20	100	20	579(0)	231	18	0(0)	2(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	33	87	29	755(0)	415	66	0(0)	63(0)	2(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo South	32	87	28	600(0)	52	13	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																		
	Bungoma East	13	92	12	1628(2)	1325	810	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma North	14	100	14	986(0)	442	250	0(0)	8(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	22	100	22	3404(1)	1621	435	0(0)	67(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	9	100	9	950(0)	635	255	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	100	7	321(0)	226	87	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	19	100	19	2357(0)	1077	559	0(0)	116(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	100	10	1709(0)	523	242	0(0)	43(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	100	23	1306(0)	278	159	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	100	13	1084(0)	487	205	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	30	100	30	3355(0)	1778	720	0(0)	168(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East	14	100	14	1360(0)	900	198	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North	20	100	20	1510(2)	603	362	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South	11	100	11	1076(0)	348	100	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	14	100	14	1090(0)	206	46	0(0)	51(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	16	100	16	1248(0)	1050	394	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	19	100	19	1406(0)	1101	540	0(0)	49(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	11	100	11	1262(0)	359	205	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	90	10	1579(2)	341	144	0(0)	19(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	10	100	10	1473(0)	810	398	0(0)	81(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	9	100	9	968(0)	535	310	0(0)	2(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso South	9	100	9	2555(0)	827	357	0(0)	47(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lukuyani	10	100	10	696(0)	98	28	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matete	5	100	5	598(0)	101	36	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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Province	District	Reports Expected	% RR	Reports Received	Malaria			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	VHFs	Other *	AFP	NNT
					Cases	Tested	Positive											
	Sabatia	12	100	12	1123(0)	388	158	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butula	13	100	13	1292(0)	373	242	0(0)	36(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Khwisero	13	100	13	1111(0)	402	209	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma Central	12	100	12	843(0)	686	267	0(0)	43(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kimilili Bungoma	8	100	8	784(0)	585	328	0(0)	55(0)	21(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 31 summary	0 (0)	753 (0)	156,435 (27)	83,009	26,937	58 (0)	0 (0)	5,336 (0)	1 (0)	4 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	35,798 (1)	5,600,291 (798)	2,670,677	946,566	1,721 (7)	64 (4)	171,129 (7)	7 (0)	42 (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

For comments please contact: **Head, Division of Disease Surveillance and Response**
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