



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 04

Week ending 30th January 2011

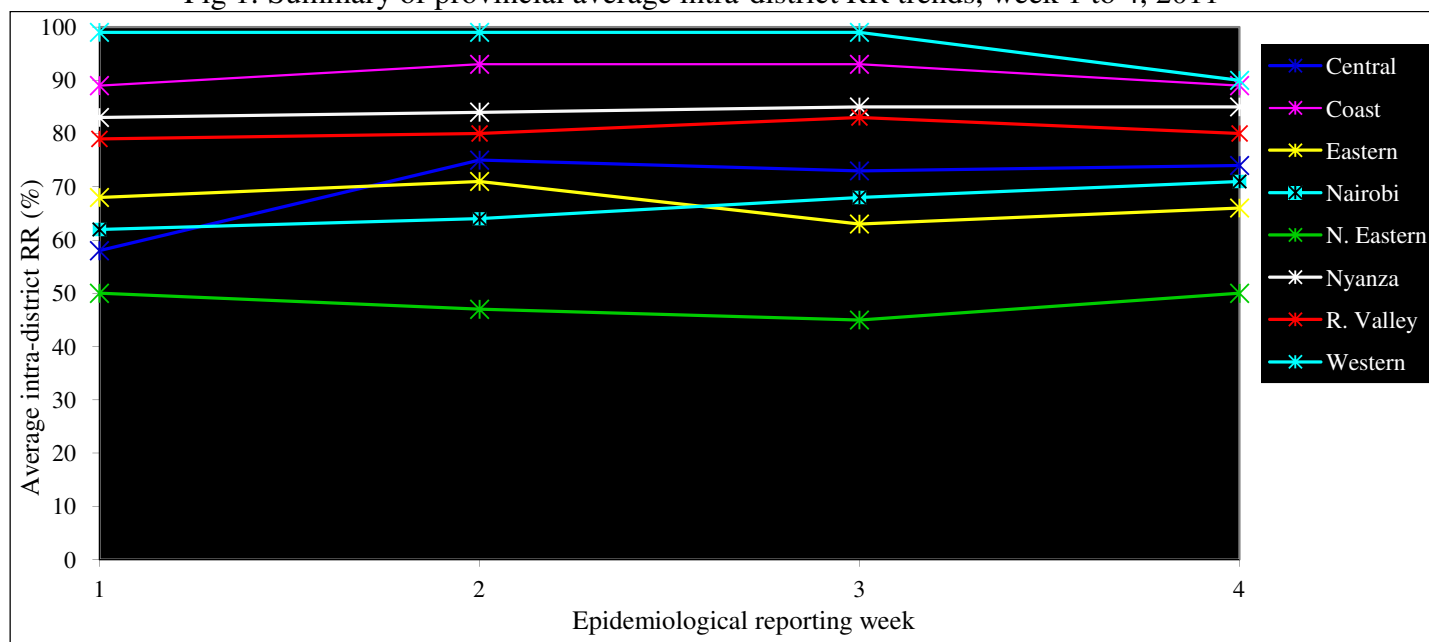
Provincial & national surveillance indicators for week 04

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	11	11	74	100	100	91
Coast	13	13	13	89	100	100	96
Eastern	28	24	24	66	86	100	81
Nairobi	3	3	3	71	100	100	90
N. Eastern	11	11	11	50	100	100	83
Nyanza	21	21	21	85	100	100	95
R. Valley	43	43	43	80	100	100	93
Western	19	18	18	90	95	100	94
National	149	144	144	77	97	100	91

✚ New measles cases confirmed in Nairobi (2) North and Wajir North (2) districts

✚ The pre-elimination stage threshold for declaring a measles outbreak is 3 or more laboratory confirmed (IgM positive) cases in a district in a month

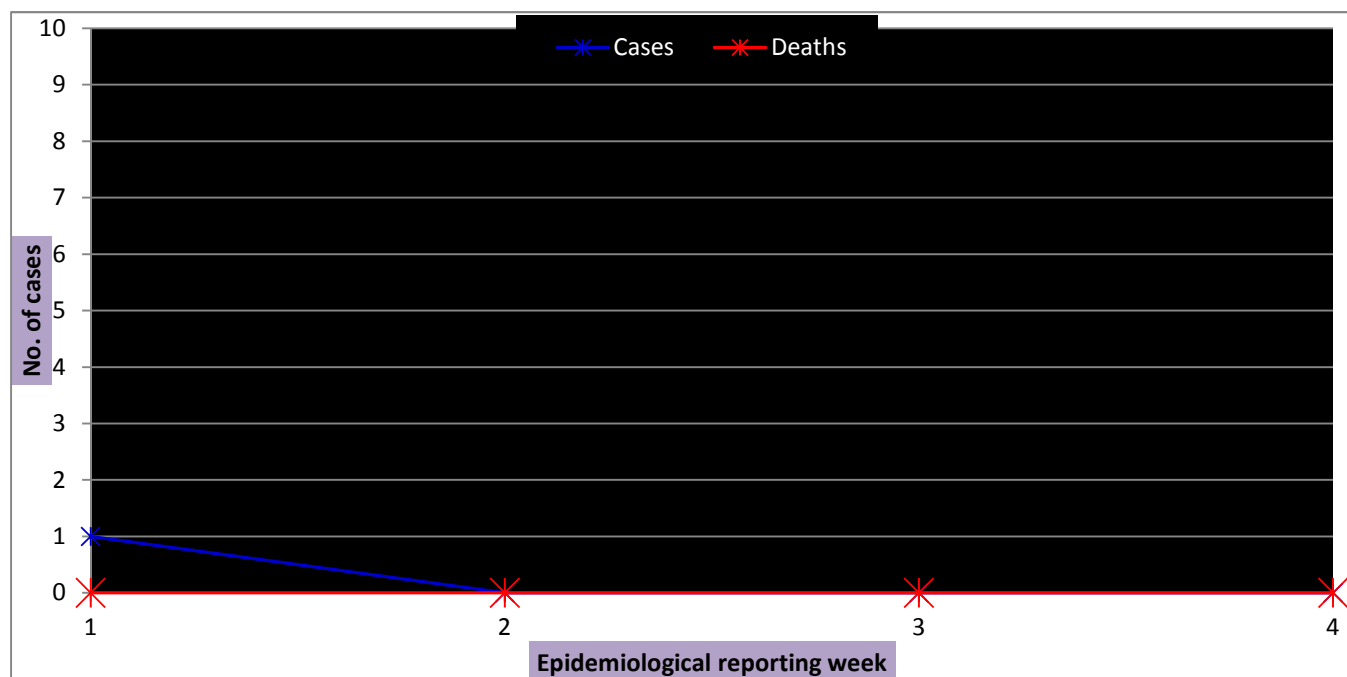
Fig 1: Summary of provincial average intra-district RR trends, week 1 to 4, 2011



Reports not received from the following 5 Districts

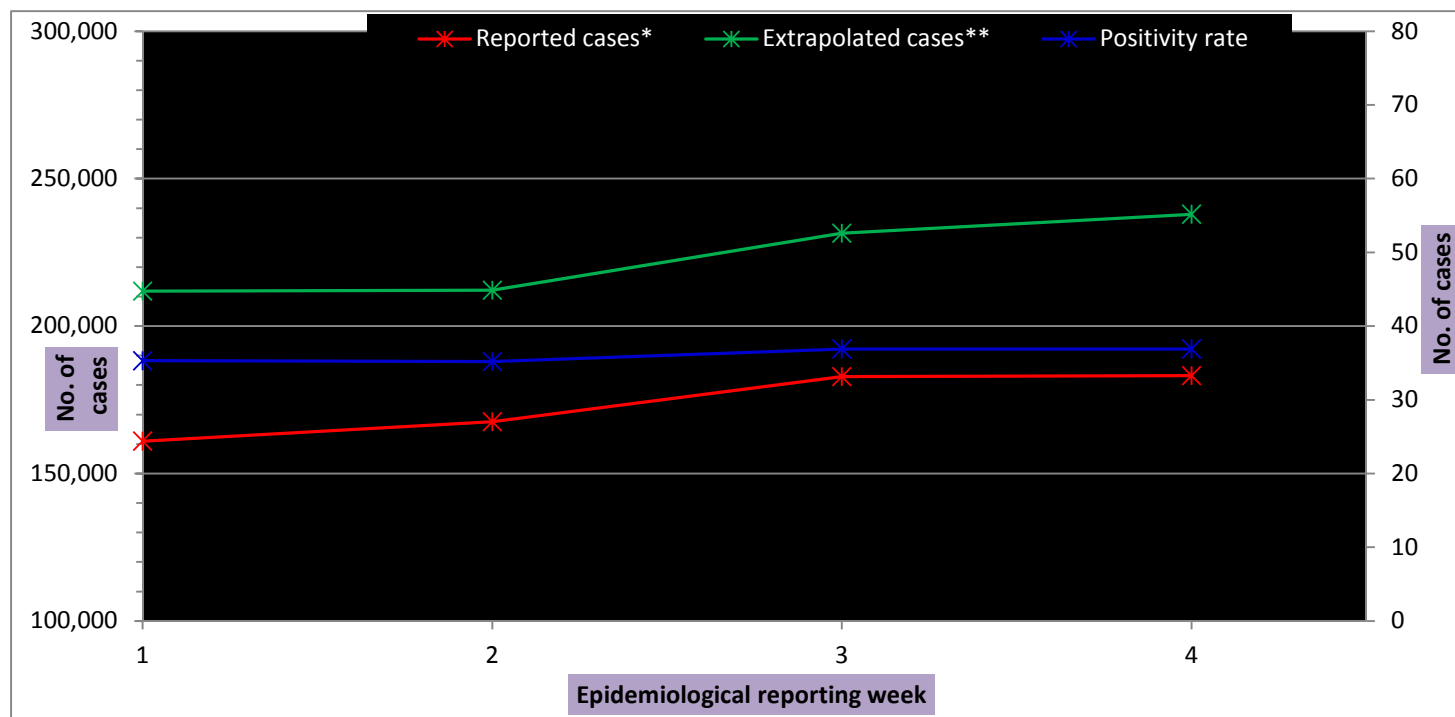
Garbatula, Laisamis, Machakos, Makueni and Kakamega Central (Lurambi)

Fig. 2: Cholera* cases and deaths, week 1 to 4, 2011



* Derived from daily updates (line-lists and active DDSR inquiry). A national DDSR officer calls districts in cholera outbreak every morning to get updates. Therefore figures might not be same as those from routine weekly data reports

Fig. 3: Malaria cases and positivity rate, week 1 to 4, 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

Highlights for the week

<p>✚ Nationally:</p> <ul style="list-style-type: none"> The surveillance weighted aggregate score remained unchanged at 91% in week 4 The number of districts that submitted reports on time also remained at 144 (97%) The intra-district average reporting rate declined from 79% in week 3 to 77% <p>✚ Best performing provinces in week 4 of 2011:</p> <ul style="list-style-type: none"> While all districts in six provinces reported, only 86% of the districts in Eastern province and 95% of those in Western province reported during the week Intra-district facility reporting rate: Western (90%), Coast (89%) and Nyanza (85%) provinces had the highest rate while North Eastern (50%) reported the lowest but improved rate <p>✚ Most improved provinces in week 4 of 2011:</p> <ul style="list-style-type: none"> Intra-district facility RR: North Eastern (45% to 50%), Eastern (63% to 66%) and Nairobi (68% to 71%) provinces improved the most while Western (99% to 90%) and Coast (93% to 89%) provinces declined the most in performance District reporting rate: While only North Eastern province (82% to 100%) improved in performance, Western (100% to 95%) and Eastern (89% to 86%) provinces declined in performance <p>✚ Thirty eight (25.5%) districts [a rise from thirty three (22%) districts in week 3] attained 100% intra-district reporting rate</p>	<p>Disease specific reports</p> <p><i>Cholera</i></p> <p>✚ Zero cases were reported in the week</p> <p><i>Measles</i></p> <p>✚ Fifteen suspected cases (a rise from 13 in week 3) were reported</p> <p>✚ The cases were reported from: Narok North (3), Nairobi North (2), Nyando (2), Laikipia East (2), Nyamira (1), Eldoret East (1), Koibatek (1), Naivasha (1), Nakuru (1) and Lugari (1) districts</p> <p>✚ The laboratory surveillance system investigated 23 case specimen from 16 districts</p> <ul style="list-style-type: none"> Four (17%) specimen tested positive for measles IgM and were classified as measles positive. The specimen were from Nairobi North (2) and Wajir North (2) districts Three (13%) specimen tested positive for rubella <p><i>Malaria</i></p> <p>✚ Reported cases rose from 182,879 in week 3 to 183,215</p> <p>✚ Mortality also rose from 24 cases to 34 cases</p> <ul style="list-style-type: none"> The deaths were reported from: South Bungoma (15), Nakuru (5), Suba (3), East Bungoma (3), Kitui (2), Bondo (2), Nandi East (2), Keiyo (1) and Turkana North (1) districts <p>✚ Overall, 80,576 (44%) cases were laboratory tested, yielding a positivity rate of 36.9%</p> <p><i>Dysentery</i></p> <p>✚ Reported cases marginally rose from 1,012 in week 3 to 1,038</p> <p>✚ Eight deaths were reported from Suba (4) and Narok South (4) districts</p> <p><i>Typhoid fever</i></p> <p>✚ Reported cases rose from 5,173 in week 3 to 5,692</p> <p>✚ Three deaths were reported from Suba district</p> <p><i>AFP</i></p> <p>✚ Zero cases were reported in the week</p> <p><i>Meningococcal Meningitis</i></p> <p>✚ Zero cases were reported in the week</p> <p><i>NNT</i></p> <p>✚ Zero cases were reported in the week</p>
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For comments please contact:

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

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
Central																
	Gatundu	42	90	0(0)	0(0)	265(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	34	94	0(0)	0(0)	1125(0)	1633	328	0(0)	0(0)	211(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	72	0(0)	0(0)	498(0)	728	123	0(0)	0(0)	77(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	86	53	0(0)	0(0)	993(0)	1688	86	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga North	41	78	0(0)	0(0)	691(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga South	40	60	0(0)	0(0)	659(0)	835	49	0(0)	0(0)	80(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	83	0(0)	0(0)	461(0)	549	73	0(0)	0(0)	108(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	24	83	0(0)	0(0)	142(0)	231	12	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	90	0(0)	0(0)	2(0)	256	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	52	58	0(0)	0(0)	240(0)	126	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	77	0(0)	0(0)	1654(0)	982	35	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																
	Kaloleni	17	100	0(0)	41(0)	1541(0)	648	118	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	39	90	0(0)	34(0)	1989(0)	1056	298	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	100	0(0)	8(0)	1623(0)	1815	269	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	20	95	0(0)	33(0)	1846(0)	530	59	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	95	0(0)	20(0)	1244(0)	734	160	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	97	0(0)	0(0)	814(0)	264	19	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	98	0(0)	26(0)	1574(0)	942	60	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	30	47	0(0)	0(0)	603(0)	1250	285	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	71	0(0)	5(0)	332(0)	343	86	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	46	100	0(0)	2(0)	907(0)	1087	263	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	94	0(0)	4(0)	600(0)	212	39	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	52	0(0)	0(0)	286(0)	138	40	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	0(0)	3(0)	442(0)	132	21	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	12	25	0(0)	1(0)	59(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu	77	58	0(0)	0(0)	3760(0)	2605	1231	0(0)	0(0)	122(0)	0(0)	0(0)	0(0)	0(0)	0(0)

[illegible]

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
North Eastern																
	Fafi	11	55	0(0)	0(0)	56(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	23	43	0(0)	0(0)	1697(0)	1907	876	0(0)	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	10	30	0(0)	0(0)	429(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	46	0(0)	0(0)	188(0)	41	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	9	78	0(0)	0(0)	252(0)	0	0	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	25	0(0)	11(0)	98(0)	142	33	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	88	0(0)	2(0)	144(0)	35	20	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	8	50	0(0)	0(0)	49(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	12	83	0(0)	0(0)	477(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	8	50	0(0)	0(0)	82(0)	82	11	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	15	27	0(0)	0(0)	189(0)	23	5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																
	Bondo	26	92	0(0)	43(0)	3124(2)	1184	571	0(0)	0(0)	112(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	89	0(0)	2(0)	1415(0)	243	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	2646(0)	610	201	0(0)	0(0)	65(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	93	0(0)	0(0)	1210(0)	915	311	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	44	82	0(0)	5(0)	2309(0)	1879	173	0(0)	0(0)	57(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	0(0)	39(0)	993(0)	363	89	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	89	0(0)	3(0)	3942(0)	1497	720	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	77	0(0)	6(0)	1720(0)	610	310	0(0)	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	13	62	0(0)	1(0)	484(0)	36	28	0(0)	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	88	0(0)	1(0)	1355(0)	253	120	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	16	100	0(0)	0(0)	244(0)	203	70	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	97	0(0)	0(0)	1343(0)	502	69	0(0)	0(0)	145(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	96	0(0)	13(0)	2134(0)	635	298	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	98	0(0)	0(0)	1196(0)	533	19	1(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	32	0(0)	57(0)	2256(0)	1009	410	2(0)	0(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	64	0(0)	0(0)	1955(0)	598	197	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	22	91	0(0)	7(0)	1920(0)	1052	481	0(0)	0(0)	52(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	40	90	0(0)	0(0)	2804(0)	1144	654	0(0)	0(0)	153(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	Siaya	72	75	0(0)	65(0)	5452(0)	723	330	0(0)	0(0)	184(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	100	0(0)	0(0)	1026(0)	384	41	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	42	100	0(0)	26(4)	1881(3)	365	120	0(0)	0(0)	8(3)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																
	Baringo	50	78	0(0)	0(0)	694(0)	190	86	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	36	58	0(0)	0(0)	490(0)	0	0	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	38	71	0(0)	0(0)	1944(0)	656	50	0(0)	0(0)	106(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bureti	32	84	0(0)	0(0)	2233(0)	493	227	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	9	33	0(0)	0(0)	161(0)	0	0	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	36	100	0(0)	0(0)	2089(0)	285	142	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	78	0(0)	9(0)	2043(0)	901	226	1(0)	0(0)	53(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	43	81	0(0)	7(0)	1765(0)	367	123	0(0)	0(0)	144(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	45	82	0(0)	0(0)	924(1)	268	34	0(0)	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	30	73	0(0)	0(0)	859(0)	206	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	82	0(0)	0(0)	753(0)	143	17	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	32	100	0(0)	0(0)	817(0)	180	45	1(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	17	71	0(0)	0(0)	1017(0)	396	177	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	86	0(0)	0(0)	420(0)	45	1	2(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	89	0(0)	2(0)	126(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	26	100	0(0)	0(0)	794(0)	0	0	0(0)	0(0)	53(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	23	74	0(0)	8(0)	98(0)	0	0	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	66	68	0(0)	0(0)	720(0)	148	79	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	88	0(0)	0(0)	722(0)	0	0	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	35	80	0(0)	0(0)	1348(0)	366	186	1(0)	0(0)	88(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru	45	93	0(0)	0(0)	472(5)	0	0	1(0)	0(0)	99(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	34	85	0(0)	0(0)	872(0)	222	88	0(0)	0(0)	112(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	22	50	0(0)	0(0)	487(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi East	32	100	0(0)	14(0)	987(2)	274	37	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	20	90	0(0)	0(0)	906(0)	177	37	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	18	83	0(0)	0(0)	1016(0)	97	29	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	29	100	0(0)	0(0)	655(0)	445	90	3(0)	0(0)	73(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	Narok South	30	57	0(0)	6(4)	363(0)	104	13	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	12	83	0(0)	3(0)	524(0)	296	95	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	19	95	0(0)	0(0)	696(0)	222	72	0(0)	0(0)	37(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	19	32	0(0)	0(0)	229(0)	0	0	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	15	40	0(0)	0(0)	181(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	9	67	0(0)	27(0)	178(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	30	100	0(0)	0(0)	1691(0)	493	53	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	90	0(0)	1(0)	273(0)	171	24	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	20	100	0(0)	0(0)	1030(0)	788	283	0(0)	0(0)	108(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	100	0(0)	12(0)	1544(0)	533	110	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	49	86	0(0)	15(0)	1310(0)	162	8	0(0)	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	57	0(0)	7(0)	1130(0)	495	282	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	73	0(0)	18(0)	527(1)	833	73	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	20	30	0(0)	9(0)	270(0)	62	42	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	97	0(0)	0(0)	1164(0)	460	157	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	92	0(0)	3(0)	1276(0)	454	121	0(0)	0(0)	169(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	100	0(0)	0(0)	157(0)	137	39	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	31	100	0(0)	79(0)	5972(0)	2457	1706	0(0)	0(0)	148(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	0(0)	0(0)	3017(0)	1006	507	0(0)	0(0)	78(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	100	0(0)	0(0)	1891(3)	1097	602	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	0(0)	1734(0)	454	261	0(0)	0(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	62	0(0)	0(0)	760(0)	397	189	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	0	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kakamega East (Shinyalu)	14	100	0(0)	0(0)	1078(0)	697	139	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North (Malava)	18	100	0(0)	0(0)	1284(0)	604	411	0(0)	0(0)	57(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	11	100	0(0)	9(0)	1244(0)	134	113	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	100	0(0)	7(0)	2930(0)	524	60	1(0)	0(0)	101(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt Elgon	16	100	0(0)	19(0)	1102(0)	0	0	0(0)	0(0)	58(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	0(0)	0(0)	3324(0)	1253	598	0(0)	0(0)	127(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Bungoma	20	100	0(0)	23(0)	1372(0)	898	611	0(0)	0(0)	104(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	Samia	9	100	0(0)	13(0)	1181(0)	128	81	0(0)	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	0(0)	3297(15)	1041	391	0(0)	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	20	100	0(0)	13(0)	4087(0)	707	292	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	21	100	0(0)	0(0)	2575(0)	1223	535	0(0)	0(0)	120(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	100	0(0)	47(0)	1779(0)	1118	775	0(0)	0(0)	49(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)	1,038 (8)	183,215 (34)	80,576	29,725	15 (0)	0 (0)	5,692 (3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	4,347 (8)	694,700 (100)	293,782	106,187	48 (0)	1 (0)	20,515 (3)	0 (0)	0 (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

Editorial: Dr. D. Mutonga, Dr. C. Nzioka, Dr. M. Ope, Dr. D. Langat, Dr. P. Muthoka, Dr. O. Shikanga, C. Njuguna, J. Njau, J. Njoroge, H. Limo, Z. Irura, M. Badel, C. Maina, E. Kathini, R. Kalani, D. Mwangi, A. Muange, J. Ayaga, P. Njiru