



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 03

Week ending 23rd January 2011

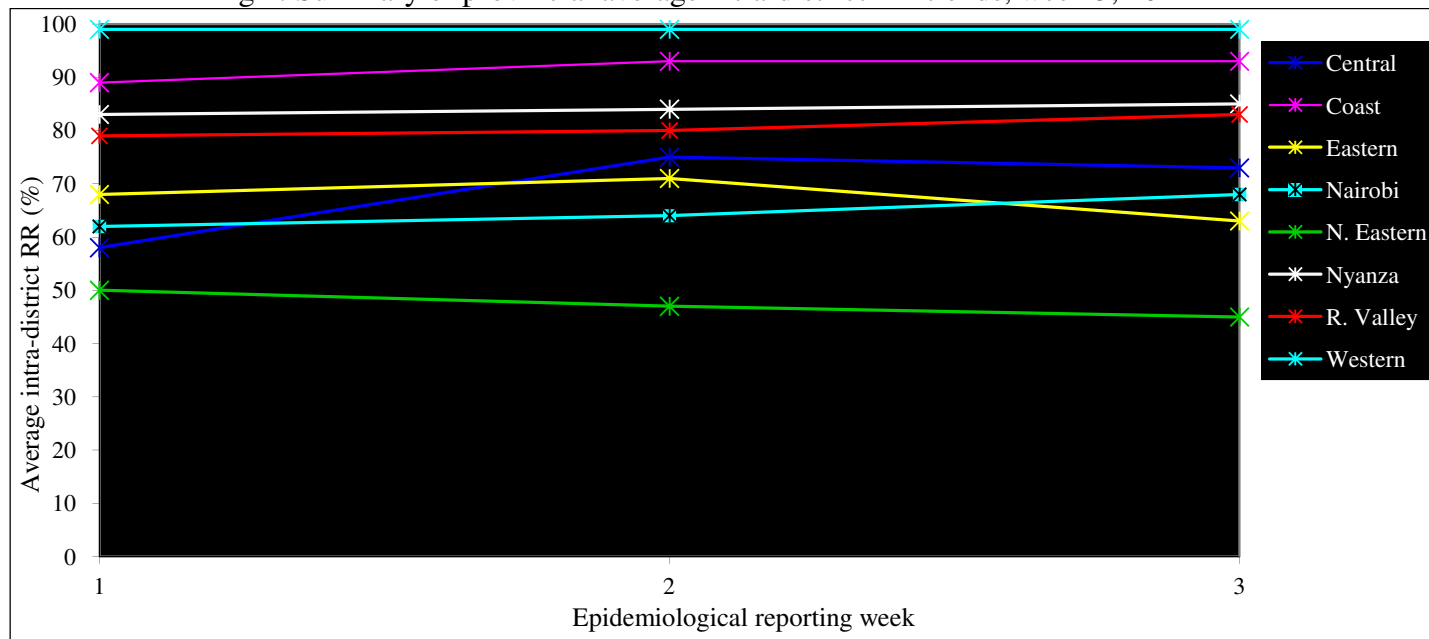
Provincial & national surveillance indicators for week 03

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	11	11	73	100	100	91
Coast	13	13	13	93	100	100	98
Eastern	28	25	25	63	89	100	82
Nairobi	3	3	3	68	100	100	89
N. Eastern	11	9	9	45	82	100	72
Nyanza	21	21	21	85	100	100	95
R. Valley	43	43	43	83	100	100	94
Western	19	19	19	99	100	100	100
National	149	144	144	79	97	100	91

✦ Measles cases confirmed in 2 new districts – Mbeere (1 case) and Nairobi North (2 cases)

✦ 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

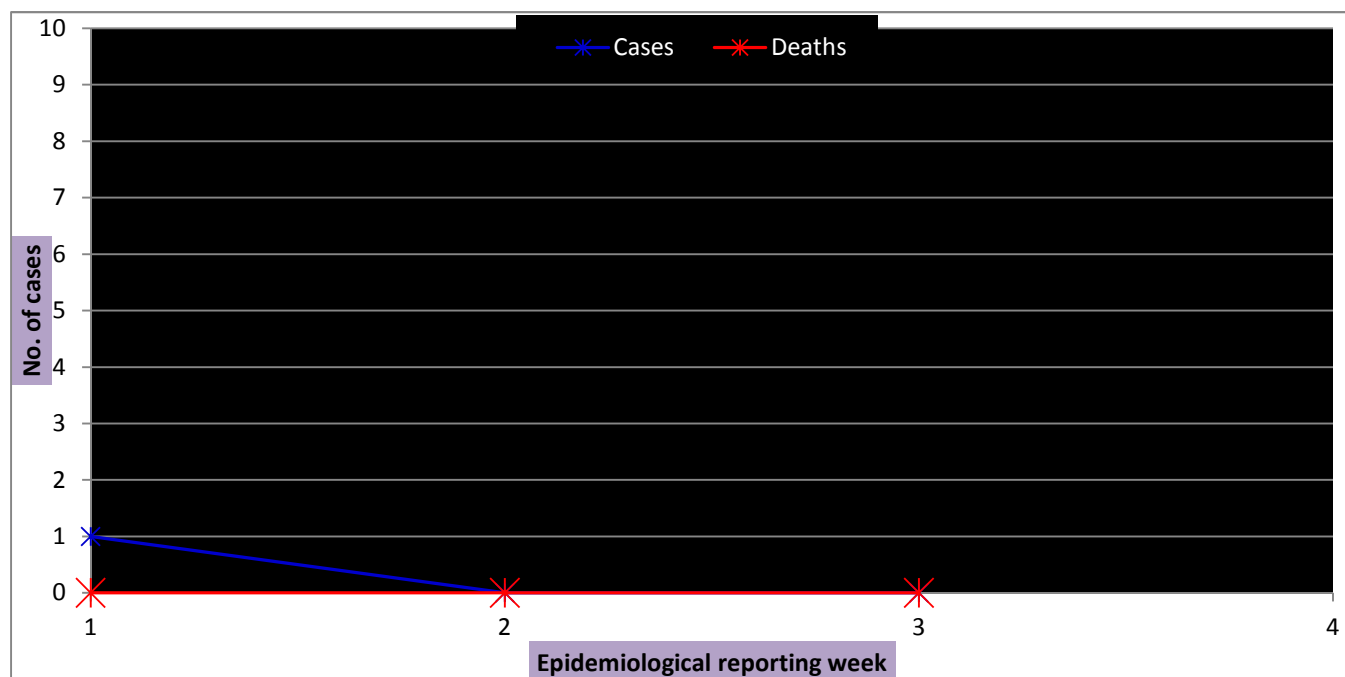
Fig 1: Summary of provincial average intra-district RR trends, week 3, 2011



Reports not received from the following 5 Districts

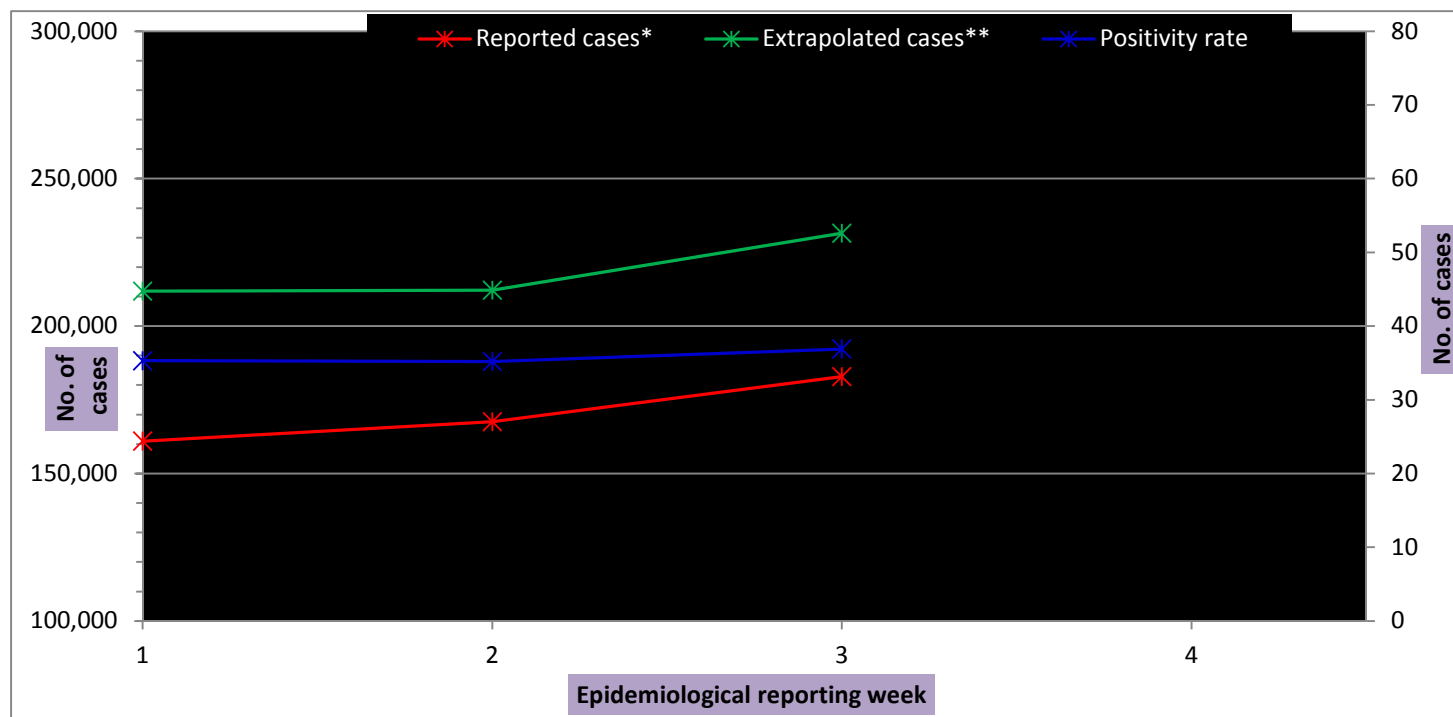
Kitui, Laisamis, Makueni, Fafi and Wajir South

Fig. 2: Cholera* cases and deaths, week 1 to week 3, 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 week 3, 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 declined from 92% in week 2 to 91% The number of districts that submitted reports on time declined marginally from 146 (98%) to 144 (97%) The intra-district average reporting rate remained unchanged at 79% <p>✚ Best performing provinces in week 3 of 2011:</p> <ul style="list-style-type: none"> All districts in Central, Coast, Nairobi, Nyanza, Rift Valley and Western provinces reported during the week Intra-district facility reporting rate: Western (99%), Coast (93%) and Nyanza (85%) provinces had the highest rate while North Eastern (45%) reported the lowest rate <p>✚ Most improved provinces in week 3 of 2011:</p> <ul style="list-style-type: none"> Intra-district facility RR: Nairobi (64% to 68%), Rift Valley (80% to 83%) and Nyanza (84% to 85%) are the only provinces that improved while Eastern province (71% to 63%) declined the most in performance District reporting rate: While no province improved in performance, North Eastern (91% to 82%) and Eastern (93% to 89%) provinces declined in performance <p>✚ Thirty three (22%) districts [a decline from thirty six (24%) districts in week 2] 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>✚ Thirteen suspected cases (a fall from 16 in week 2) were reported</p> <p>✚ The cases were reported from: Laikipia East (6), Narok North (2), Taveta (1), Machakos (1), Koibatek (1), Naivasha (1) and Turkana Central (1) districts</p> <p>✚ The laboratory surveillance system investigated 17 case specimen from 11 districts</p> <ul style="list-style-type: none"> Three (18%) specimen tested positive for measles IgM and were classified as measles positive. The specimen were from Nairobi North (2) and Mbeere (1) districts Four (24%) specimen tested positive for rubella <p><i>Malaria</i></p> <p>✚ Reported cases rose from 167,602 in week 2 to 182,879</p> <p>✚ Mortality marginally rose from 23 cases to 24 cases</p> <ul style="list-style-type: none"> The deaths were reported from: Imenti North (4), Igembe (3), Nakuru (3), Teso (3), Mbeere (2), East Bungoma (2), Kakamega Central (2), Embu (1), Rarieda (1), Molo (1), Nandi East (1), and South Bungoma (1) districts <p>✚ Overall, 75,506 (41%) cases were laboratory tested, yielding a positivity rate of 36.9%</p> <p><i>Dysentery</i></p> <p>✚ Reported cases declined from 1,177 in week 2 to 1,012 with no death</p> <p><i>Typhoid fever</i></p> <p>✚ Reported cases rose from 4,795 in week 2 to 5,173 with no death</p> <p><i>AFP</i></p> <p>✚ Zero cases were reported in the week</p> <p><i>Meningococcal Meningitis</i></p> <p>✚ One case was reported from West Bungoma district with no death</p> <p><i>NNT</i></p> <p>✚ Zero cases were reported in the week</p> <p>Influenza (Walter Reed Influenza Surveillance)</p> <p>✚ 48 specimen were tested by the national influenza center</p> <p>✚ Six (13%) tested positive for influenza A (H1N1)</p> <p>✚ One (2%) tested positive for influenza B</p> <p>✚ None tested positive for influenza A (H1), influenza A (H3) and influenza A (H5)</p>
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For comments please contact:

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 03

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)	4(0)	309(0)	0	0	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	34	91	0(0)	0(0)	994(0)	1290	347	0(0)	0(0)	156(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	70	0(0)	0(0)	419(0)	531	97	0(0)	0(0)	90(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	86	55	0(0)	0(0)	1343(0)	1215	64	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a North	41	68	0(0)	0(0)	621(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a South	40	65	0(0)	0(0)	825(0)	448	23	0(0)	0(0)	94(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	83	0(0)	2(0)	353(0)	494	81	0(0)	0(0)	77(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	24	75	0(0)	0(0)	194(0)	204	33	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	90	0(0)	0(0)	4(0)	302	4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	52	58	0(0)	0(0)	214(0)	127	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	77	0(0)	0(0)	1495(0)	958	39	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																
	Kaloleni	17	94	0(0)	34(0)	1172(0)	424	98	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	39	92	0(0)	73(0)	2204(0)	916	275	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	100	0(0)	9(0)	1618(0)	1483	612	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	20	95	0(0)	24(0)	1899(0)	565	93	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	86	0(0)	23(0)	1227(0)	691	152	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	94	0(0)	0(0)	665(0)	263	15	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	96	0(0)	76(0)	1695(0)	802	73	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	30	97	0(0)	0(0)	1054(0)	1123	150	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	67	0(0)	6(0)	327(0)	244	20	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	46	100	0(0)	6(0)	743(0)	693	279	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	94	0(0)	5(0)	563(0)	288	48	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	71	0(0)	2(0)	464(0)	225	78	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	0(0)	0(0)	456(0)	560	97	1(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	11	55	0(0)	0(0)	100(0)	39	6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu	77	55	0(0)	0(0)	6173(1)	2163	927	0(0)	0(0)	65(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
	Garbatula	12	58	0(0)	0(0)	262(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe	57	56	0(0)	0(0)	3037(3)	2067	990	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	95	0(0)	0(0)	2415(4)	3300	1528	0(0)	0(0)	88(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	66	70	0(0)	0(0)	2912(0)	2815	1806	0(0)	0(0)	98(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	24	54	0(0)	0(0)	624(0)	456	159	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	64	0(0)	0(0)	823(0)	67	10	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	29	97	0(0)	0(0)	1756(0)	618	221	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	77	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kyuso	27	74	0(0)	1(0)	805(0)	133	57	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Maara	25	100	0(0)	0(0)	1743(0)	1260	692	0(0)	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	46	70	0(0)	6(0)	1200(0)	979	447	1(0)	0(0)	58(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	38	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Marsabit	10	50	0(0)	0(0)	162(0)	105	13	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere	28	32	0(0)	2(0)	888(2)	531	207	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	92	0(0)	0(0)	918(0)	320	78	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	64	0(0)	0(0)	340(0)	488	313	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	25	100	0(0)	0(0)	2268(0)	1523	854	0(0)	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	15	87	0(0)	66(0)	299(0)	139	9	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	20	100	0(0)	0(0)	1371(0)	197	84	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	97	0(0)	0(0)	1494(0)	425	129	0(0)	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	49	0(0)	0(0)	833(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzaui	35	89	0(0)	0(0)	1793(0)	632	137	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	20	80	0(0)	0(0)	1230(0)	547	158	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	57	0(0)	1(0)	1829(0)	315	134	0(0)	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	47	98	0(0)	10(0)	2628(0)	687	312	0(0)	0(0)	108(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																
	Nairobi East	57	56	0(0)	0(0)	255(0)	68	19	0(0)	0(0)	116(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi North	81	78	0(0)	14(0)	1509(0)	413	139	0(0)	0(0)	326(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi West	71	65	0(0)	76(0)	607(0)	586	177	0(0)	0(0)	126(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
North Eastern																
	Fafi	4	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Garissa	23	52	0(0)	0(0)	997(0)	1140	618	0(0)	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	9	67	0(0)	0(0)	363(0)	0	0	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	46	0(0)	0(0)	247(0)	43	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	8	75	0(0)	0(0)	216(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	38	0(0)	11(0)	162(0)	163	39	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	75	0(0)	3(0)	118(0)	47	13	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	8	13	0(0)	0(0)	3(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	12	42	0(0)	0(0)	460(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	6	50	0(0)	11(0)	74(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	9	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
Nyanza																
	Bondo	26	96	0(0)	39(0)	3121(0)	932	485	0(0)	0(0)	79(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	93	0(0)	0(0)	761(0)	257	31	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	2109(0)	525	157	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	93	0(0)	0(0)	952(0)	577	151	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	44	82	0(0)	2(0)	1774(0)	1219	89	0(0)	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	0(0)	10(0)	745(0)	498	103	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	89	0(0)	6(0)	3752(0)	1359	691	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	82	0(0)	19(0)	3031(0)	1011	477	0(0)	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	13	54	0(0)	0(0)	333(0)	34	21	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	96	0(0)	0(0)	998(0)	294	129	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	16	100	0(0)	0(0)	232(0)	229	73	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	100	0(0)	0(0)	1148(0)	325	36	0(0)	0(0)	87(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	98	0(0)	15(0)	2088(0)	535	193	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	100	0(0)	0(0)	1094(0)	487	24	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	32	0(0)	2(0)	1939(0)	761	296	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	70	0(0)	0(0)	2431(0)	773	224	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	22	91	0(0)	2(0)	1983(1)	885	396	0(0)	0(0)	16(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
	Rongo	40	88	0(0)	4(0)	2520(0)	568	373	0(0)	0(0)	108(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	72	75	0(0)	52(0)	6267(0)	1028	616	0(0)	0(0)	213(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	84	0(0)	2(0)	746(0)	264	5	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	43	98	0(0)	43(0)	1938(0)	323	114	0(0)	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																
	Baringo	50	76	0(0)	0(0)	836(0)	219	104	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	36	69	0(0)	0(0)	803(0)	0	0	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	42	98	0(0)	0(0)	1807(0)	499	41	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bureti	32	84	0(0)	0(0)	1795(0)	686	216	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	9	56	0(0)	9(0)	255(0)	0	0	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	36	100	0(0)	0(0)	2004(0)	730	187	0(0)	0(0)	102(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	98	0(0)	5(0)	1869(0)	742	232	0(0)	0(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	41	85	0(0)	12(0)	1831(0)	218	47	0(0)	0(0)	100(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	45	87	0(0)	2(0)	1355(0)	366	69	0(0)	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	30	80	0(0)	0(0)	922(0)	229	22	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	76	0(0)	0(0)	762(0)	0	0	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	32	91	0(0)	0(0)	800(0)	357	75	1(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	17	100	0(0)	0(0)	1252(0)	347	173	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	86	0(0)	0(0)	421(0)	79	1	6(0)	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	100	0(0)	0(0)	149(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	25	100	0(0)	0(0)	654(0)	0	0	0(0)	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitoktok	23	70	0(0)	0(0)	114(0)	0	0	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	66	68	0(0)	9(0)	1954(0)	149	93	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	88	0(0)	0(0)	429(1)	0	0	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	35	86	0(0)	6(0)	1474(0)	378	197	1(0)	0(0)	103(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru	45	96	0(0)	0(0)	506(3)	576	33	0(0)	0(0)	113(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	34	88	0(0)	0(0)	952(0)	250	161	0(0)	0(0)	87(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	22	32	0(0)	0(0)	341(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi East	32	81	0(0)	22(0)	873(1)	272	42	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	20	95	0(0)	0(0)	1221(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	18	89	0(0)	0(0)	1092(0)	115	49	0(0)	0(0)	31(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 North	29	100	0(0)	0(0)	660(0)	366	87	2(0)	0(0)	72(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	67	0(0)	19(0)	266(0)	149	18	0(0)	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	12	83	0(0)	8(0)	514(0)	284	85	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	19	95	0(0)	0(0)	672(0)	232	65	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	19	32	0(0)	0(0)	204(0)	0	0	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	15	40	0(0)	0(0)	182(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	9	56	0(0)	10(0)	169(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	30	97	0(0)	0(0)	1541(0)	205	47	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	90	0(0)	0(0)	246(0)	155	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)	857(0)	778	273	0(0)	0(0)	115(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	100	0(0)	13(0)	1473(0)	558	122	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	49	90	0(0)	9(0)	1365(0)	310	6	0(0)	0(0)	61(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	73	0(0)	14(0)	1702(0)	698	335	1(0)	0(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	58	0(0)	15(0)	481(0)	938	78	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	18	67	0(0)	17(0)	408(0)	29	15	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	97	0(0)	0(0)	1317(0)	523	176	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	96	0(0)	2(0)	1255(0)	573	158	0(0)	0(0)	75(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	100	0(0)	0(0)	173(0)	60	18	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	31	97	0(0)	40(0)	5640(0)	2071	1181	0(0)	0(0)	140(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	0(0)	16()	3060(0)	960	415	0(0)	0(0)	65(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	100	0(0)	0(0)	1381(2)	1053	631	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	0(0)	1651(0)	380	207	0(0)	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	85	0(0)	0(0)	855(0)	453	256	0(0)	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	29	97	0(0)	2(0)	3203(2)	1889	765	0(0)	0(0)	176(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	14	100	0(0)	0(0)	1118(0)	756	165	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)	1102(0)	523	335	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	11	100	0(0)	2(0)	1181(0)	305	139	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	96	0(0)	8(0)	2424(0)	196	35	0(0)	0(0)	100(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt Elgon	16	100	0(0)	40(0)	874(0)	0	0	0(0)	0(0)	55(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	0(0)	14(0)	2634(0)	1175	589	0(0)	0(0)	76(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
	North Bungoma	20	100	0(0)	0(0)	1513(0)	993	541	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	9	100	0(0)	8(0)	1226(0)	138	60	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	0(0)	2776(1)	688	180	0(0)	0(0)	132(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	21	100	0(0)	25(0)	4511(3)	904	327	0(0)	0(0)	80(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	21	100	0(0)	0(0)	2352(0)	871	452	0(0)	0(0)	80(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	100	0(0)	24(0)	1688(0)	1085	729	0(0)	1(0)	39(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 03 summary	0 (0)	1,012 (0)	182,879 (24)	75,506	27,908	13 (0)	1 (0)	5,173 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	3,309 (0)	511,485 (66)	213,206	76,462	33 (0)	1 (0)	14,823 (0)	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