



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 15

Week Ending 17th April 2011

Provincial & national surveillance indicators for week 15

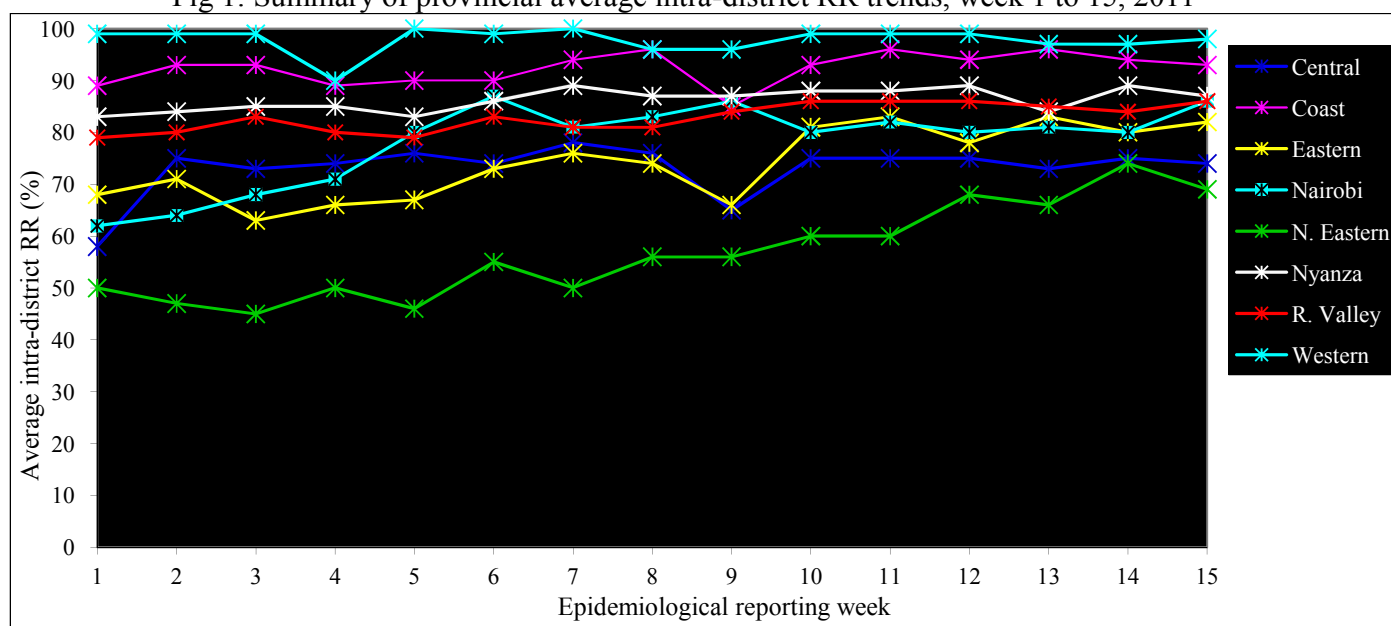
Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	11	11	74	100	100	91
Coast	13	13	13	93	100	100	98
Eastern	28	28	28	82	100	100	94
Nairobi	3	3	3	86	100	100	95
N. Eastern	11	11	11	69	100	100	90
Nyanza	21	21	21	87	100	100	96
R. Valley	43	43	43	86	100	100	95
Western	19	19	19	98	100	100	99
National	149	149	149	85	100	100	95

⚡ There is a general improvement in reporting rate: All 149 districts reported during this week

⚡ Measles cases still being reported by the passive surveillance system

⚡ The laboratory surveillance system still confirming cases of measles

Fig 1: Summary of provincial average intra-district RR trends, week 1 to 15, 2011



- ⦿ Five cases of measles were confirmed in the week from Nairobi North (3), Kajiado (1) and Mombasa (1) districts
- ⦿ The cumulative number of reported measles cases are 96 from 21 districts by week 15

Fig. 2: Confirmed measles cases, week 1 to 15, 2011

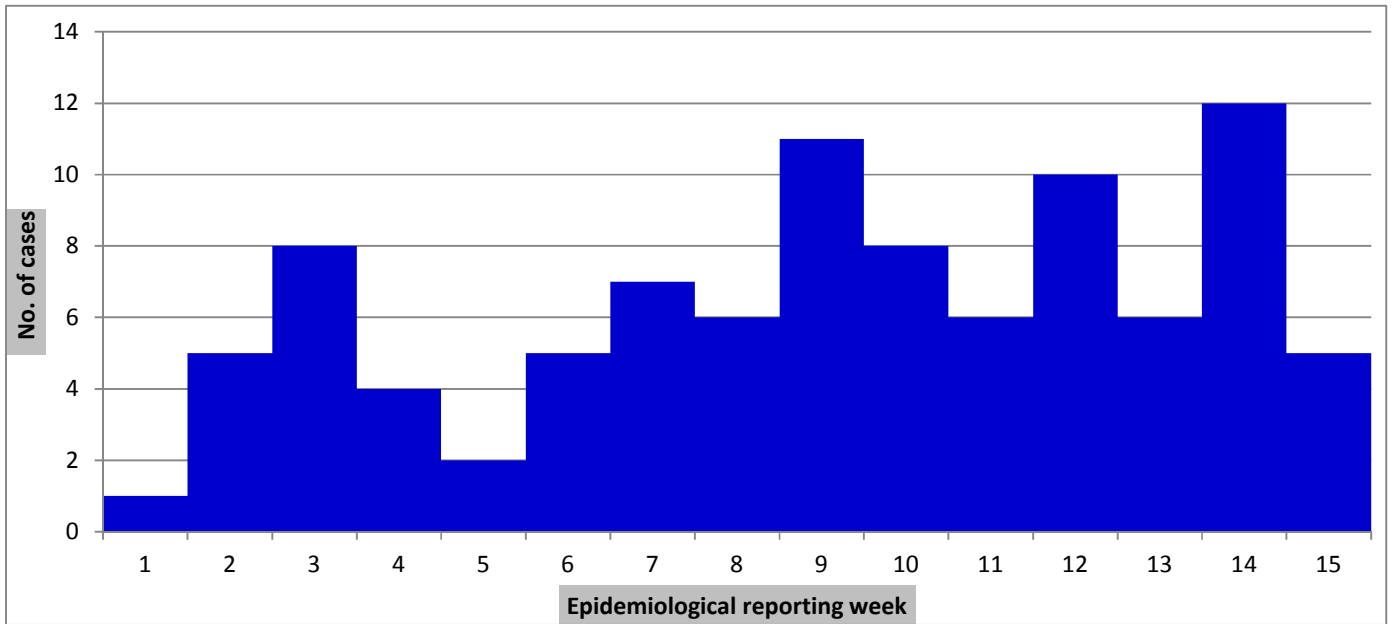


Fig. 3: Confirmed measles cases by reporting district, week 1 to 15, 2011

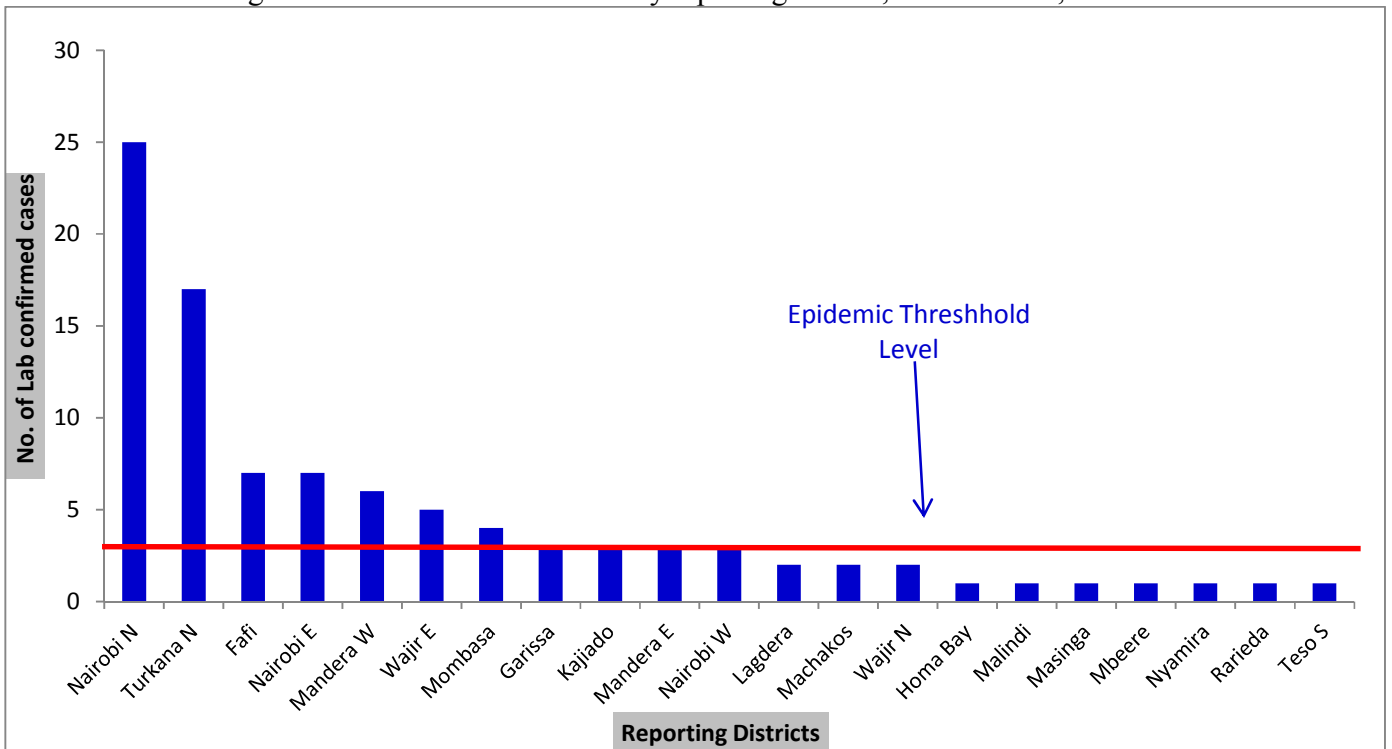
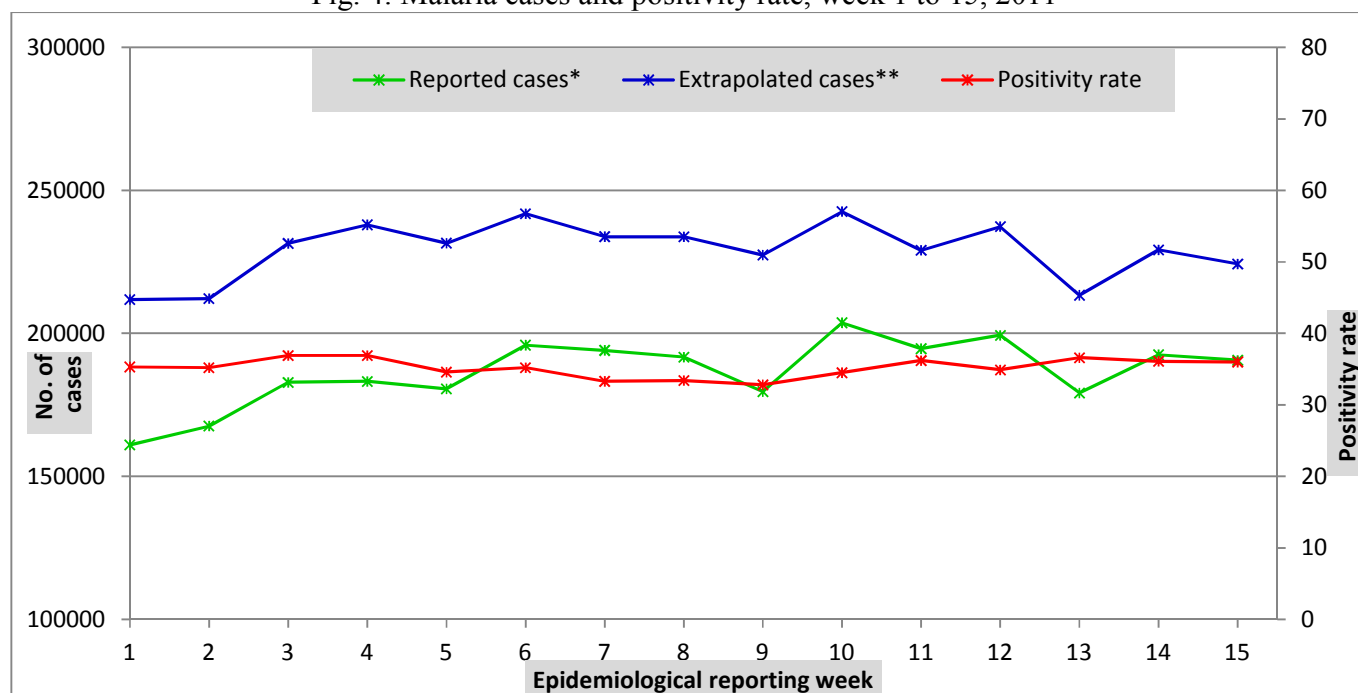


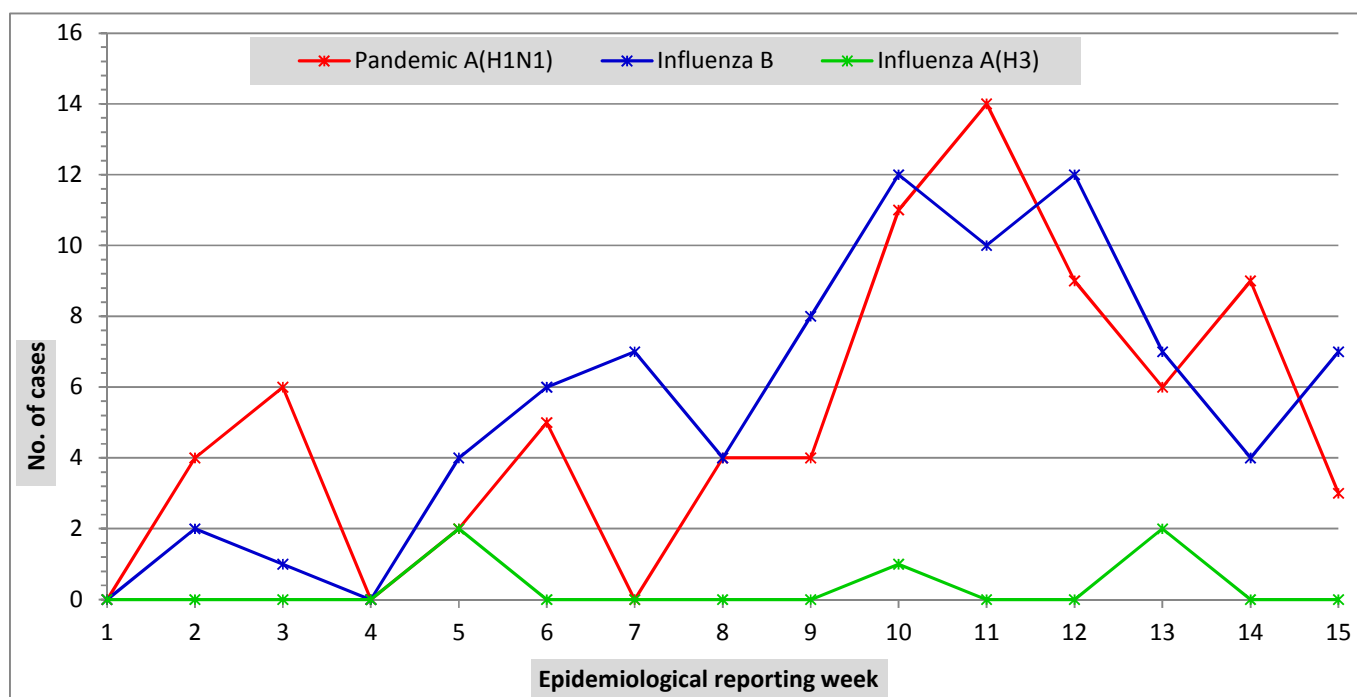
Fig. 4: Malaria cases and positivity rate, week 1 to 15, 2011



* 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 15, 2011



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

Highlights for the week

<ul style="list-style-type: none"> ⊕ Nationally: <ul style="list-style-type: none"> ○ The surveillance weighted aggregate score improved from 94% in week 14 to 95% ○ The number of districts that reported improved from 147 (99%) to 149 (100%) ○ The intra-district average reporting rate also improved from 84% to 85% ⊕ Best performing provinces in week 15 of 2011: <ul style="list-style-type: none"> ○ District reporting rate: All districts in the country reported, attaining 100% district reporting rate ○ Intra-district facility reporting rate: Western (98%) and Coast (93%) provinces had the highest reporting rate while only 69% of health facilities in North Eastern province and 74% of those in Central province reported ⊕ Most improved provinces in week 15 of 2011: <ul style="list-style-type: none"> ○ Intra-district facility RR: Nairobi (80% to 86%) province improved the most while North Eastern (74% to 69%) province dropped the most in performance in the week ○ District reporting rate: Eastern (96% to 100%) and Rift Valley (98% to 100%) improved in performance to attain 100% district reporting rate ⊕ Thirty eight (26%) districts [a decline from forty one (28%) districts in week 14] attained 100% intra-district reporting rate 	<p>Cholera</p> <ul style="list-style-type: none"> ⊕ Zero cases were reported in the week <p>Measles</p> <ul style="list-style-type: none"> ⊕ 175 suspected cases (a rise from 93 in week 14) were reported from 20 districts, with no death ⊕ The cases were reported from the following districts: Mandera East (82), Mandera West (29), Turkana North (15), Nyandarua North (8), Mt. Elgon (7), Kitui (6), Kakamega Central (4), Meru South (3), Wajir East (3), Garissa (3), Emuhaya (2), West Pokot (2), Mombasa (2), Kajiado (2), Nyeri North (2), Maara (1), Tigania (1), Narok South (1), Nakuru (1) and Transmara (1) ⊕ The laboratory surveillance system investigated 44 case specimen from 22 districts <ul style="list-style-type: none"> ○ Five (11%) specimen tested positive for measles IgM. The specimen were submitted from Nairobi North (3), Kajiado (1) and Mombasa (1) districts ○ Nineteen (43%) specimen tested positive for rubella <p>Dysentery</p> <ul style="list-style-type: none"> ⊕ Reported cases declined further from 1,227 in week 14 to 1,101 with no death <p>Typhoid fever</p> <ul style="list-style-type: none"> ⊕ Reported cases declined from 5,582 in week 14 to 5,542 in week 15 with no death <p>AFP</p> <ul style="list-style-type: none"> ⊕ One case was reported from Wajir East district with no reported death <p>Meningococcal Meningitis</p> <ul style="list-style-type: none"> ⊕ Three cases were reported in the week with no death ⊕ The cases were reported from Igembe (1), Siaya (1) and Embu (1) districts <p>NNT</p> <ul style="list-style-type: none"> ⊕ Zero cases were reported in the week
<p style="text-align: center;">Disease specific reports</p> <p>Malaria</p> <ul style="list-style-type: none"> ⊕ Reported cases dropped from 192,525 in week 14 to 190,632 in week 15 ⊕ Mortality however rose from 28 cases in week 14 to 40 cases in week 15 <ul style="list-style-type: none"> ○ The deaths were reported from: South Bungoma (10), Igembe (4), Imenti North (4), East Bungoma (4), Kibwezi (3), Mbeere (3), Tana River (2), Kitui (2), Makueni (2), Embu (1), Meru South (1), Molo (1), Nakuru (1), Turkana Central (1) and Turkana South (1) districts ⊕ Overall, 89,840 (47%) cases were laboratory tested, yielding a positivity rate of 36.0% 	<p>Influenza (Walter Reed Influenza Surveillance)</p> <ul style="list-style-type: none"> ⊕ Sixty specimen were processed by the national influenza center <ul style="list-style-type: none"> ○ Three (5%) tested positive for pandemic influenza A (H1N1) virus ○ Seven (12%) tested positive for influenza B virus ○ None tested positive for influenza A (H1), influenza A (H3) and influenza A (H5)

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 15

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)	264(0)	268	0	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	100	0(0)	0(0)	1150(0)	0	0	0(0)	0(0)	156(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	65	0(0)	0(0)	366(0)	569	143	0(0)	0(0)	92(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	89	58	0(0)	0(0)	1548(0)	1228	69	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a North	49	71	0(0)	0(0)	591(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a South	40	45	0(0)	0(0)	326(0)	84	29	0(0)	0(0)	75(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	70	0(0)	0(0)	380(0)	408	32	8(0)	0(0)	68(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	29	86	0(0)	0(0)	88(0)	68	8	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	94	0(0)	0(0)	6(0)	457	6	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	52	56	0(0)	0(0)	278(0)	278	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	85	0(0)	0(0)	1672(0)	997	28	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																
	Kaloleni	18	89	0(0)	76(0)	1001(0)	439	83	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	39	92	0(0)	63(0)	1358(0)	752	173	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	42	95	0(0)	3(0)	1635(0)	1929	800	0(0)	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	21	100	0(0)	26(0)	2150(0)	534	114	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	90	0(0)	34(0)	1044(0)	1234	126	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	97	0(0)	0(0)	506(0)	218	13	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	98	0(0)	0(0)	1046(0)	902	96	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	100	0(0)	2(0)	1254(0)	2239	469	2(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	100	0(0)	6(0)	743(0)	294	56	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	46	87	0(0)	2(0)	780(0)	1027	95	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	94	0(0)	4(0)	563(0)	187	38	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	71	0(0)	5(0)	487(2)	256	141	0(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	0(0)	14(0)	529(0)	504	76	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	12	67	0(0)	0(0)	103(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu	77	60	0(0)	8(0)	2366(1)	2301	816	0(0)	1(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
North Eastern																
	Fafi	11	64	0(0)	2(0)	41(0)	85	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	23	61	0(0)	15(0)	486(0)	794	228	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	10	50	0(0)	0(0)	166(0)	108	11	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	85	0(0)	4(0)	154(0)	76	4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	12	75	0(0)	0(0)	196(0)	84	10	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	75	0(0)	0(0)	108(0)	27	1	82(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	88	0(0)	1(0)	163(0)	59	27	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	67	0(0)	0(0)	188(0)	59	15	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	93	0(0)	0(0)	333(0)	180	84	3(0)	0(0)	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)
	Wajir North	6	50	0(0)	0(0)	44(0)	35	19	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	15	53	0(0)	0(0)	151(0)	20	5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																
	Bondo	26	100	0(0)	75(0)	1719(0)	827	292	0(0)	0(0)	97(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	81	0(0)	1(0)	1193(0)	209	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	2260(0)	1063	421	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	93	0(0)	0(0)	2077(0)	1387	437	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	44	86	0(0)	4(0)	2653(0)	953	50	0(0)	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	0(0)	27(0)	785(0)	422	108	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	96	0(0)	4(0)	4287(0)	1438	649	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	82	0(0)	7(0)	1389(0)	978	435	0(0)	0(0)	38(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	63	0(0)	13(0)	579(0)	20	8	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	88	0(0)	1(0)	1124(0)	105	54	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	17	94	0(0)	0(0)	237(0)	207	33	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	97	0(0)	0(0)	1229(0)	530	35	0(0)	0(0)	128(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	98	0(0)	17(0)	1977(0)	699	366	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	96	0(0)	0(0)	1498(0)	565	18	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	34	0(0)	16(0)	2034(0)	614	280	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	73	0(0)	4(0)	2978(0)	1085	594	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	22	91	0(0)	4(0)	1171(0)	778	264	0(0)	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	40	100	0(0)	6(0)	2222(0)	970	414	0(0)	0(0)	137(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	86	0(0)	42(0)	5639(0)	2045	1119	0(0)	1(0)	181(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	84	0(0)	0(0)	943(0)	323	18	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	42	100	0(0)	50(0)	1664(0)	132	37	0(0)	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																
	Baringo	50	86	0(0)	0(0)	855(0)	165	53	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	73	0(0)	0(0)	562(0)	112	34	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	42	86	0(0)	0(0)	1504(0)	583	74	0(0)	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bureti	32	91	0(0)	0(0)	1801(0)	618	155	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	17	65	0(0)	29(0)	280(0)	0	0	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	37	97	0(0)	0(0)	1472(0)	372	117	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	90	0(0)	10(0)	1971(0)	752	288	0(0)	0(0)	67(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	63	67	0(0)	18(0)	1609(0)	415	33	2(0)	0(0)	76(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	45	82	0(0)	0(0)	1418(0)	320	44	0(0)	0(0)	74(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	30	83	0(0)	0(0)	1392(0)	457	52	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	76	0(0)	0(0)	814(0)	108	21	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	34	94	0(0)	0(0)	768(0)	410	128	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	100	0(0)	0(0)	1273(0)	275	125	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	86	0(0)	0(0)	155(0)	19	0	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	89	0(0)	0(0)	101(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	27	100	0(0)	0(0)	896(0)	0	0	0(0)	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitoktok	23	70	0(0)	10(0)	465(0)	0	0	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	48	94	0(0)	8(0)	695(0)	206	166	0(0)	0(0)	72(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	91	0(0)	2(0)	360(1)	84	29	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	35	94	0(0)	3(0)	1482(0)	530	185	0(0)	0(0)	152(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru	45	98	0(0)	0(0)	461(1)	741	37	1(0)	0(0)	134(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	34	88	0(0)	0(0)	1016(0)	250	63	0(0)	0(0)	67(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	85	0(0)	0(0)	920(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi East	32	84	0(0)	3(0)	1002(0)	407	96	0(0)	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	88	0(0)	0(0)	1185(0)	442	156	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	18	94	0(0)	0(0)	1589(0)	113	61	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	100	0(0)	0(0)	706(0)	321	72	0(0)	0(0)	56(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	80	0(0)	6(0)	441(0)	272	41	1(0)	0(0)	92(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	14	64	0(0)	5(0)	348(0)	339	61	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	95	0(0)	4(0)	609(0)	258	68	0(0)	0(0)	73(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	24	79	0(0)	2(0)	619(0)	0	0	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	69	0(0)	1(0)	149(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	10	50	0(0)	0(0)	144(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)	1465(0)	311	54	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	100	0(0)	1(0)	188(0)	127	22	0(0)	0(0)	21(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	100	0(0)	0(0)	1095(0)	1011	400	0(0)	0(0)	18(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	100	0(0)	14(0)	1478(0)	641	176	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	48	77	0(0)	14(0)	1640(0)	330	10	1(0)	0(0)	38(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	80	0(0)	7(0)	1713(1)	593	267	0(0)	0(0)	50(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	73	0(0)	0(0)	495(0)	849	88	15(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	20	75	0(0)	0(0)	415(1)	24	13	0(0)	0(0)	10(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	97	0(0)	0(0)	1180(0)	781	217	0(0)	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	83	0(0)	2(0)	735(0)	127	48	2(0)	0(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	100	0(0)	0(0)	253(0)	113	39	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	31	97	0(0)	53(0)	5797(0)	2287	1283	0(0)	0(0)	193(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	0(0)	14(0)	3604(0)	1185	540	0(0)	0(0)	73(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	100	0(0)	0(0)	1889(4)	1440	957	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	0(0)	1901(0)	260	153	2(0)	0(0)	55(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	100	0(0)	0(0)	1723(0)	607	365	0(0)	0(0)	91(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	28	100	0(0)	5(0)	4857(0)	2244	998	4(0)	0(0)	110(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	14	100	0(0)	4(0)	1490(0)	1021	357	0(0)	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North (Malava)	19	100	0(0)	0(0)	1586(0)	934	602	0(0)	0(0)	97(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	11	100	0(0)	0(0)	1468(0)	467	239	0(0)	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	100	0(0)	17(0)	2707(0)	567	132	0(0)	0(0)	65(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt Elgon	16	100	0(0)	11(0)	1260(0)	990	459	7(0)	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	0(0)	5(0)	4596(0)	1409	979	0(0)	0(0)	118(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Bungoma	21	100	0(0)	12(0)	1936(0)	988	629	0(0)	0(0)	82(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	10	100	0(0)	0(0)	1126(0)	95	64	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	42(0)	4214(10)	1566	818	0(0)	0(0)	98(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	20	85	0(0)	32(0)	3720(0)	1002	437	0(0)	0(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	20	100	0(0)	0(0)	3441(0)	1535	576	0(0)	0(0)	101(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	85	0(0)	57(0)	1495(0)	863	532	0(0)	0(0)	63(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 15 summary	0 (0)	1,101 (0)	190,632 (40)	89,840	32,384	175 (0)	3 (0)	5,542 (0)	0 (0)	1 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	18,551 (1)	2,796,758 (418)	1,274,198	448,298	929 (3)	24 (1)	86,612 (3)	2 (0)	13 (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 and F. Akinyi