



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 13

Week ending 3rd April 2011

Provincial & national surveillance indicators for week 13

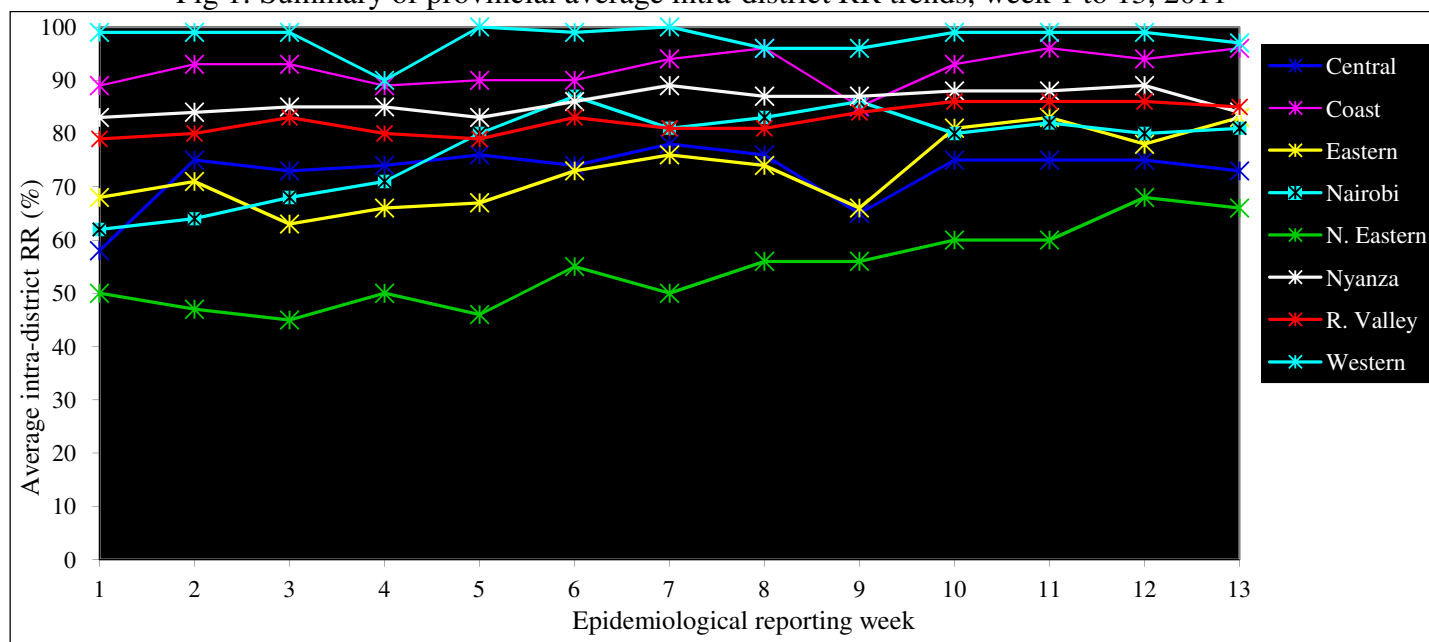
Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	11	11	73	100	100	91
Coast	13	13	13	96	100	100	99
Eastern	28	28	28	83	100	100	94
Nairobi	3	3	3	81	100	100	94
N. Eastern	11	11	11	66	100	100	89
Nyanza	21	20	20	84	95	100	92
R. Valley	43	43	43	85	100	100	95
Western	19	19	19	97	100	100	99
National	149	148	148	84	99	100	94

✚ Three new measles cases were confirmed in the week from Nairobi North (2) and Fafi (1)

✚ Cumulative country confirmed measles cases are 72 from 16 districts by week 13

✚ District weekly IDSR reporting rate increased to 99%

Fig 1: Summary of provincial average intra-district RR trends, week 1 to 13, 2011



Reports not received from the following 1 district

Kisii Central

Fig. 2: Confirmed measles cases, week 1 to 13, 2011

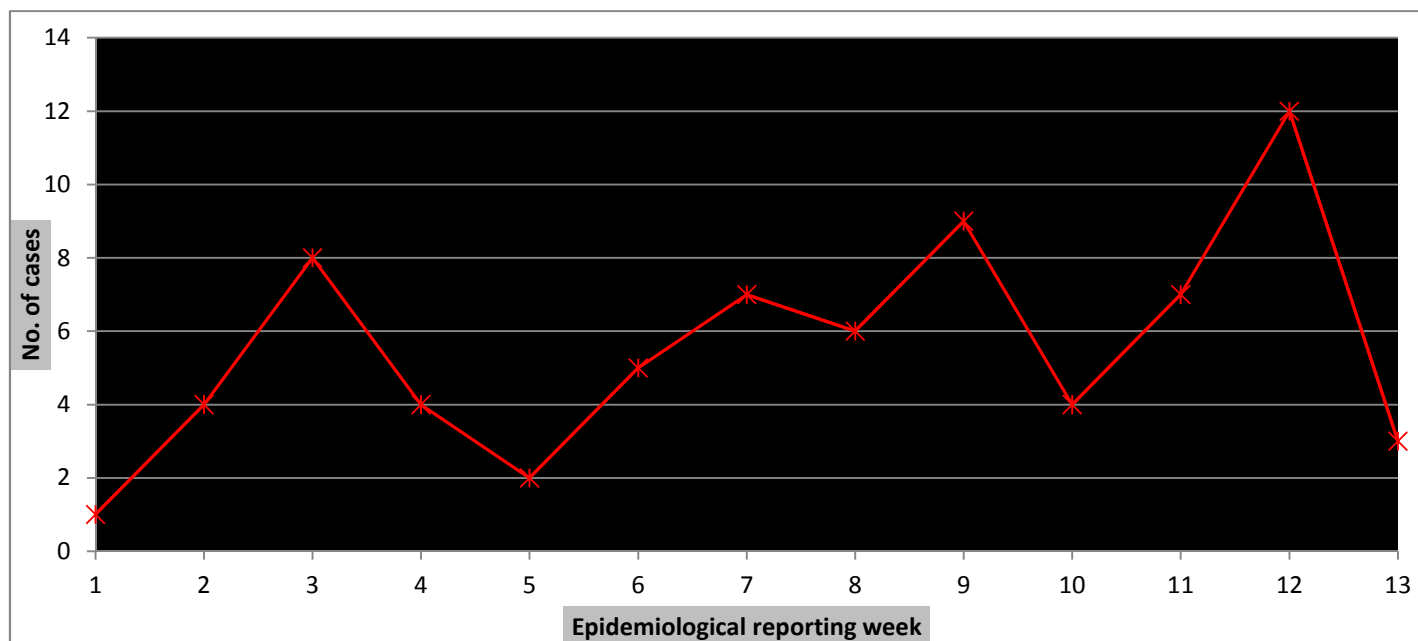


Fig. 3: Confirmed measles cases by reporting district, week 1 to 13, 2011

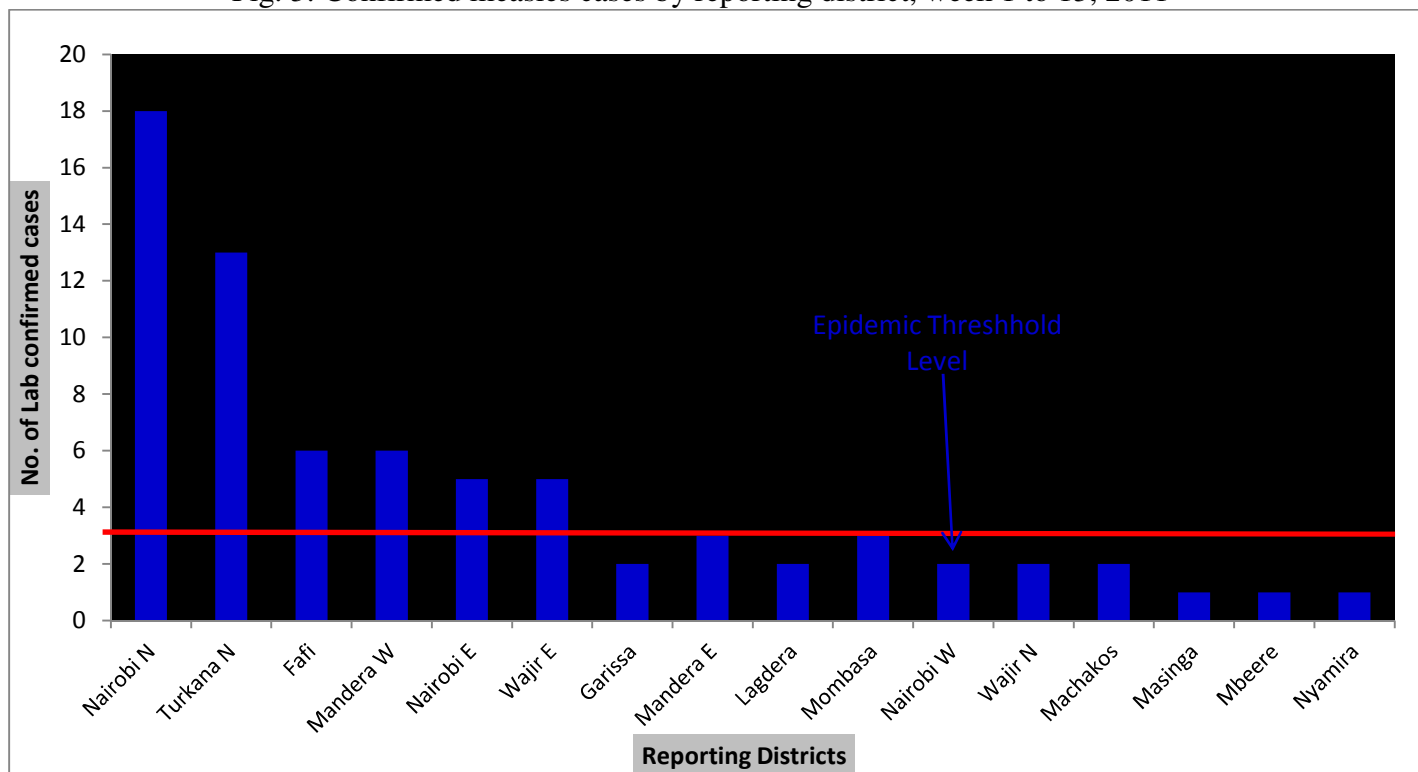
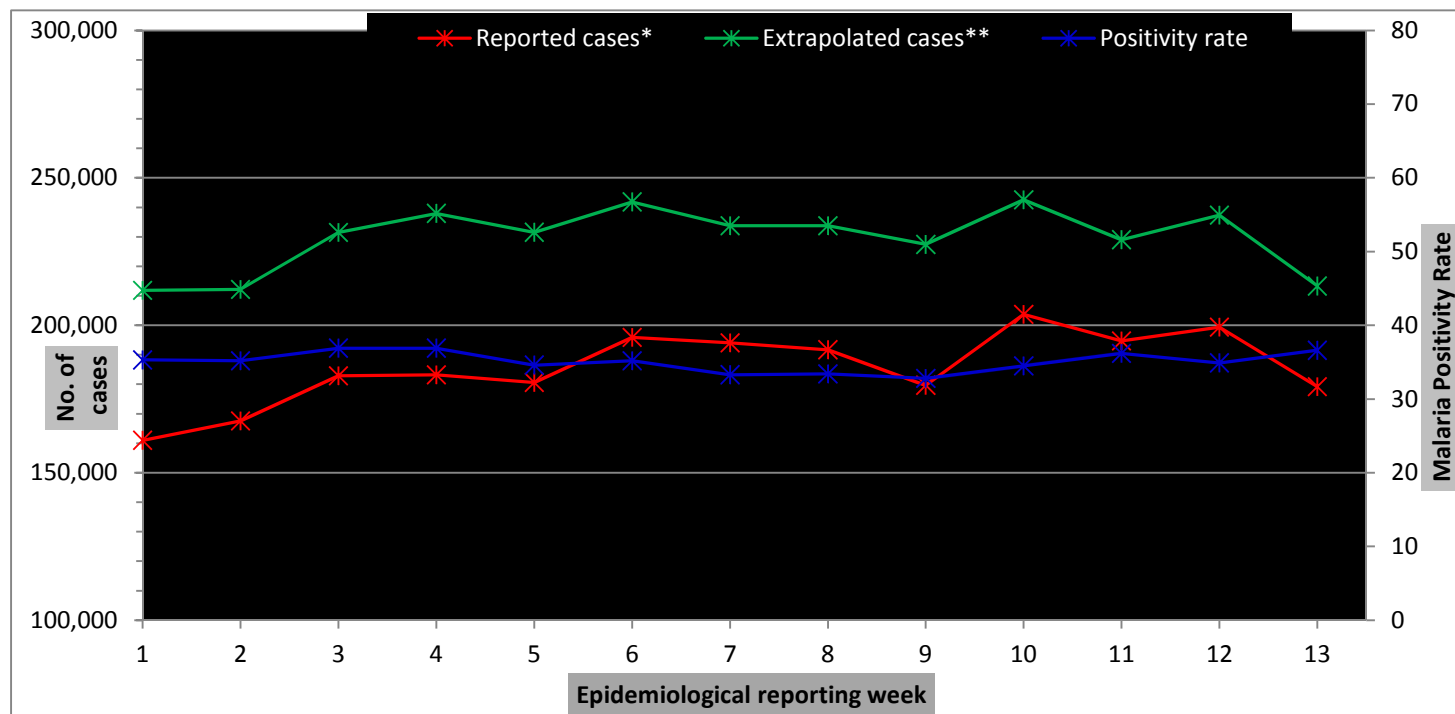


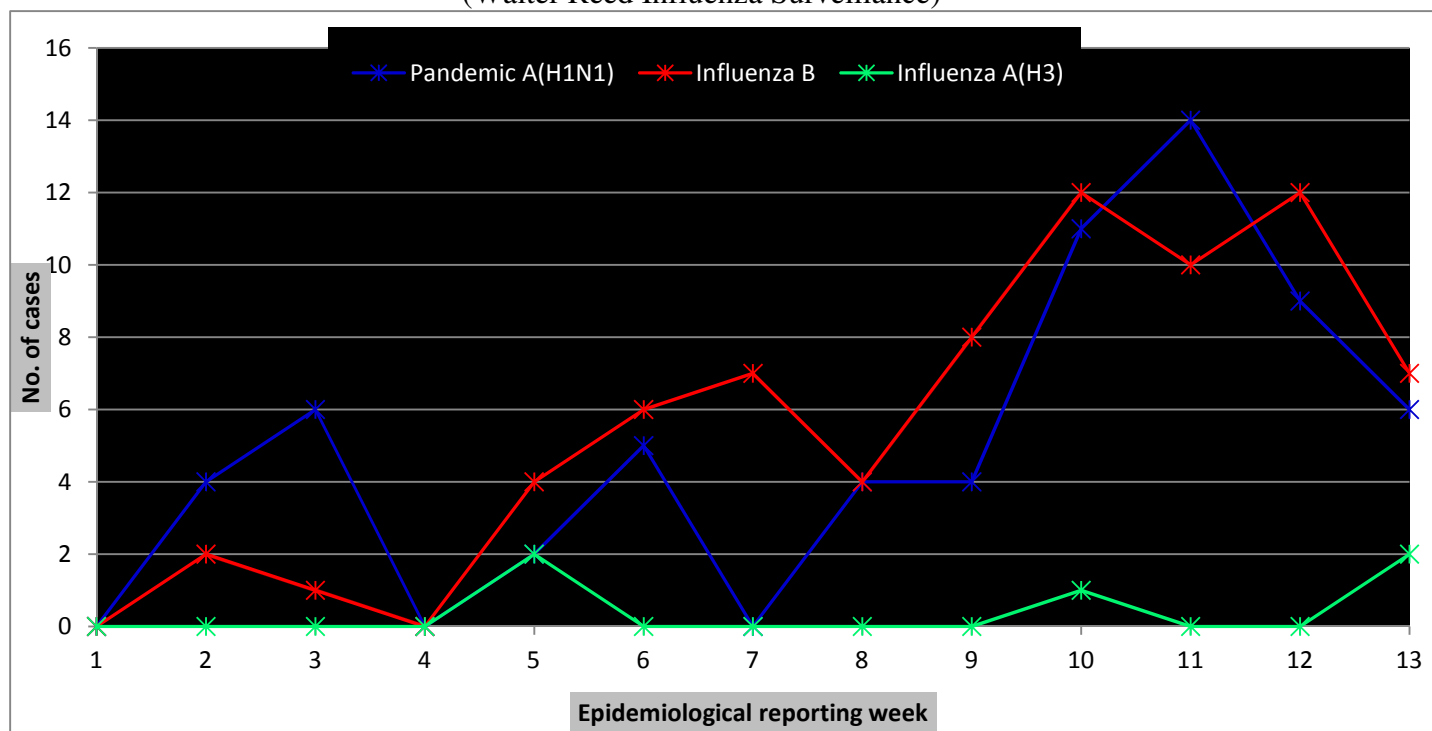
Fig. 4: Malaria cases and positivity rate, week 1 to 13, 2011



* 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 13, 2011
(Walter Reed Influenza Surveillance)



Highlights for the week

- ✚ Nationally:
 - The surveillance weighted aggregate score declined to 94% in week 13
 - The number of districts that reported declined from 149 (100%) in week 12 to 148 (99%)
 - The intra-district average reporting rate stagnated at 84%
- ✚ Best performing provinces in week 13 of 2011:
 - District reporting rate: Only Nyanza province failed to attain 100% district reporting rate
 - Intra-district facility reporting rate: Western (97%) and Coast (94%) provinces had the highest reporting rate while only 66% of health facilities in North Eastern province reported
- ✚ Most improved provinces in week 13 of 2011:
 - Intra-district facility RR: Only Eastern (78% to 83%), Coast (94% to 96%) and Nairobi (80% to 81%) provinces improved while Nyanza (89% to 84%) dropped the most in performance in the week
 - District reporting rate: All provinces except Nyanza (100% to 95%) maintained 100% district reporting rate
- ✚ Forty eight (32%) districts[a rise from forty five (30%) districts in week 12] attained 100% intra-district reporting rate

Disease specific reports

Malaria

- ✚ Reported cases declined from 199,348 in week 12 to 179,192
- ✚ Mortality also declined from 30 cases in week 12 to 22 cases
 - The deaths were reported from: Imenti North (6), South Bungoma (4), Igembe (2), Nakuru (2), East Bungoma (2), Kaloleni (1), Tana River (1), Kibwezi (1), Suba (1), Turkana north (1) and Mumias (1) districts
- ✚ Overall, 86,877 (48%) cases were laboratory tested, yielding a positivity rate of 36.6%

Cholera

- ✚ Zero cases were reported in the week

Measles

- ✚ 135 suspected cases (a rise from 129 in week 12) were reported from 26 districts, with no death
- ✚ Districts that reported the biggest proportion of the cases are Mandera East (67), Kuria East (9), Mandera West (8), Laikipia East (5), Teso (5), Kirinyaga (4), Nyandarua North (4) and Meru South (4)
- ✚ The laboratory surveillance system investigated 89 case specimen
 - Three (3%) specimen tested positive for measles IgM. The specimen were submitted from Nairobi North (3) and Fafi (1) districts
 - Twenty nine (33%) specimen tested positive for rubella

Dysentery

- ✚ Reported cases rose 1,205 in week 12 to 1,363
- ✚ One death was reported from Tana Delta district

Typhoid fever

- ✚ Reported cases declined from 5,906 in week 12 to 5,528 with no death

AFP

- ✚ Zero cases were reported in the week

Meningococcal Meningitis

- ✚ Zero cases were reported in the week

NNT

- ✚ Zero cases were reported in the week

Influenza (Walter Reed Influenza Surveillance)

- ✚ Sixty seven specimen were processed by the national influenza center
 - Seven (10%) tested positive for influenza B virus
 - Six (9%) tested positive for pandemic influenza A (H1N1) virus
 - Two (3%) tested positive for influenza A (H3)
 - One (1.5%) tested positive for influenza A but was not sub-typed
 - None tested positive for influenza A (H1) and influenza A (H5)

For comments please contact:

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 13

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)	267(0)	267	3	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	100	0(0)	0(0)	1138(0)	1662	262	0(0)	0(0)	181(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	70	0(0)	0(0)	681(0)	818	176	0(0)	0(0)	141(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	89	56	0(0)	5(0)	2048(0)	0	0	4(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a North	49	63	0(0)	0(0)	681(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a South	40	35	0(0)	0(0)	222(0)	267	5	0(0)	0(0)	23(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	80	0(0)	0(0)	462(0)	430	87	4(0)	0(0)	84(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	29	83	0(0)	0(0)	77(0)	99	4	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	94	0(0)	0(0)	7(0)	303	7	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	52	60	0(0)	0(0)	154(0)	154	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	100	78	0(0)	0(0)	1350(0)	988	39	0(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																
	Kaloleni	17	100	0(0)	74(0)	1025(1)	428	87	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	39	90	0(0)	66(0)	1360(0)	963	198	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	100	0(0)	26(0)	1651(0)	1788	843	0(0)	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	21	100	0(0)	64(0)	1651(0)	393	93	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	100	0(0)	23(0)	989(0)	624	88	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	94	0(0)	0(0)	488(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	96	0(0)	73(0)	1315(0)	883	73	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	100	0(0)	1(0)	989(0)	3062	862	1(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	100	0(0)	15(0)	1248(0)	355	68	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	46	100	0(0)	3(0)	719(0)	1881	248	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	94	0(0)	3(1)	547(0)	170	20	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	71	0(0)	7(0)	456(1)	218	96	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	0(0)	3(0)	395(0)	447	87	1(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	12	50	0(0)	0(0)	523(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu	77	56	0(0)	8(0)	2872(0)	2489	1062	0(0)	0(0)	38(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	64	0(0)	13(0)	105(0)	69	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	23	61	0(0)	14(0)	409(0)	688	193	3(0)	0(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	10	30	0(0)	0(0)	277(0)	30	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	77	0(0)	42(0)	287(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	12	58	0(0)	3(0)	148(0)	111	20	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	63	0(0)	4(0)	90(0)	33	3	67(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	88	0(0)	0(0)	168(0)	56	18	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	67	0(0)	0(0)	157(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	100	0(0)	0(0)	502(0)	261	186	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	6	67	0(0)	0(0)	71(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	15	53	0(0)	0(0)	170(0)	41	14	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																
	Bondo	26	96	0(0)	15(0)	1363(0)	601	223	0(0)	0(0)	105(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	89	0(0)	0(0)	1382(0)	210	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	2885(0)	935	448	0(0)	0(0)	47(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	93	0(0)	0(0)	1533(0)	1236	375	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	44	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kisii South	11	100	0(0)	33(0)	687(0)	299	84	0(0)	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	96	0(0)	9(0)	4373(0)	1615	750	0(0)	0(0)	27(0)	0(0)	0(0)	0(0)	DNR	0(0)
	Kisumu West	22	100	0(0)	13(0)	1517(0)	584	340	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	56	0(0)	12(0)	373(0)	58	31	9(0)	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	96	0(0)	1(0)	970(0)	85	43	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	17	88	0(0)	0(0)	172(0)	154	20	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	84	0(0)	0(0)	1375(0)	232	13	0(0)	0(0)	88(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	100	0(0)	21(0)	1920(0)	806	405	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	96	0(0)	13(0)	1243(0)	494	23	1(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	45	0(0)	43(0)	2451(0)	523	275	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	75	0(0)	10(0)	2598(0)	992	272	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	22	100	0(0)	10(0)	1077(0)	1108	362	0(0)	0(0)	46(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)	0(0)	2370(0)	798	460	0(0)	0(0)	100(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	72	90	0(0)	42(0)	4332(0)	1072	502	0(0)	0(0)	125(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	95	0(0)	6()	1272(0)	389	38	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	42	100	0(0)	50(0)	1688(1)	248	77	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																
	Baringo	50	90	0(0)	0(0)	868(0)	254	99	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	81	0(0)	0(0)	712(0)	0	0	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	42	100	0(0)	0(0)	1566(0)	533	53	0(0)	0(0)	78(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bureti	32	78	0(0)	0(0)	1571(0)	586	114	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	17	76	0(0)	63(0)	398(0)	0	0	0(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	37	100	0(0)	0(0)	1658(0)	1063	241	0(0)	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	88	0(0)	4(0)	1795(0)	507	191	0(0)	0(0)	86(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	63	62	0(0)	17(0)	1765(0)	454	160	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	45	80	0(0)	0(0)	1172(0)	301	62	0(0)	0(0)	112(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	30	70	0(0)	0(0)	847(0)	246	24	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	68	0(0)	0(0)	710(0)	117	14	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	34	94	0(0)	0(0)	858(0)	439	115	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	100	0(0)	0(0)	1186(0)	596	216	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	86	0(0)	0(0)	300(0)	102	1	5(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	100	0(0)	0(0)	119(0)	0	0	0(0)	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	27	100	0(0)	0(0)	791(0)	0	0	0(0)	0(0)	77(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	23	83	0(0)	16(0)	529(0)	0	0	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	48	94	0(0)	21(0)	962(0)	253	188	0(0)	0(0)	109(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	91	0(0)	0(0)	444(0)	86	28	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	35	91	0(0)	12(0)	1484(0)	540	202	1(0)	0(0)	172(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru	45	98	0(0)	0(0)	453(2)	698	43	3(0)	0(0)	128(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	34	85	0(0)	0(0)	781(0)	225	94	0(0)	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	77	0(0)	0(0)	358(0)	246	28	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi East	32	84	0(0)	0(0)	1215(0)	391	87	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	83	0(0)	0(0)	1282(0)	327	95	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	18	89	0(0)	0(0)	1253(0)	69	42	0(0)	0(0)	17(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
Western	Narok North	32	100	0(0)	1(0)	742(0)	349	58	0(0)	0(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	60	0(0)	1(0)	296(0)	123	14	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	14	71	0(0)	0(0)	504(0)	298	47	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	100	0(0)	0(0)	675(0)	232	81	0(0)	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	20	80	0(0)	5(0)	498(0)	0	0	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	77	0(0)	2(0)	306(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	10	70	0(0)	74(0)	288(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)	1358(0)	271	21	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	100	0(0)	3(0)	200(0)	157	28	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	100	0(0)	0(0)	1272(0)	1020	405	2(0)	0(0)	183(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	100	0(0)	11(0)	1507(0)	542	101	1(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	48	71	0(0)	8(0)	1247(0)	106	5	0(0)	0(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	57	0(0)	1(0)	1399(0)	1077	566	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	69	0(0)	11(0)	526(1)	543	48	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	20	75	0(0)	27(0)	696(0)	54	37	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	100	0(0)	0(0)	1698(0)	1263	421	0(0)	0(0)	67(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	96	0(0)	5(0)	1151(0)	329	131	3(0)	0(0)	106(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	100	0(0)	0(0)	289(0)	143	39	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	31	100	0(0)	35(0)	3956(0)	1993	1253	0(0)	0(0)	133(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	0(0)	8(0)	2731(0)	832	353	0(0)	0(0)	74(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	100	0(0)	0(0)	1932(2)	1517	1194	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	0(0)	1488(0)	538	203	2(0)	0(0)	56(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	54	0(0)	0(0)	700(0)	229	139	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	28	100	0(0)	4(0)	4334(0)	1946	1178	0(0)	0(0)	227(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	14	100	0(0)	0(0)	1408(0)	941	268	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North (Malava)	19	100	0(0)	0(0)	1366(0)	604	392	0(0)	0(0)	70(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	11	91	0(0)	0(0)	1101(0)	413	115	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	100	0(0)	2(0)	2514(0)	414	59	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt Elgon	16	100	0(0)	25(0)	1261(0)	984	420	1(0)	0(0)	61(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	0(0)	8(0)	3151(1)	1596	830	0(0)	0(0)	112(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	21	100	0(0)	10(0)	1816(0)	819	503	0(0)	0(0)	72(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	10	100	0(0)	0(0)	1290(0)	125	70	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	0(0)	4673(4)	1205	489	0(0)	0(0)	186(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	20	100	0(0)	15(0)	2476(0)	1418	693	5(0)	0(0)	63(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	20	100	0(0)	0(0)	3047(0)	1901	780	0(0)	0(0)	96(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	90	0(0)	44(0)	1343(0)	1033	492	0(0)	0(0)	51(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 13 summary	0 (0)	1,363 (1)	179,192 (22)	86,877	31,756	135 (0)	0 (0)	5,528 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	16,223 (1)	2,413,601 (350)	1,094,531	383,482	661 (3)	16 (1)	75,488 (3)	2 (0)	10 (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

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)

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