



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 14

Week ending 10th April 2011

Provincial & national surveillance indicators for week 14

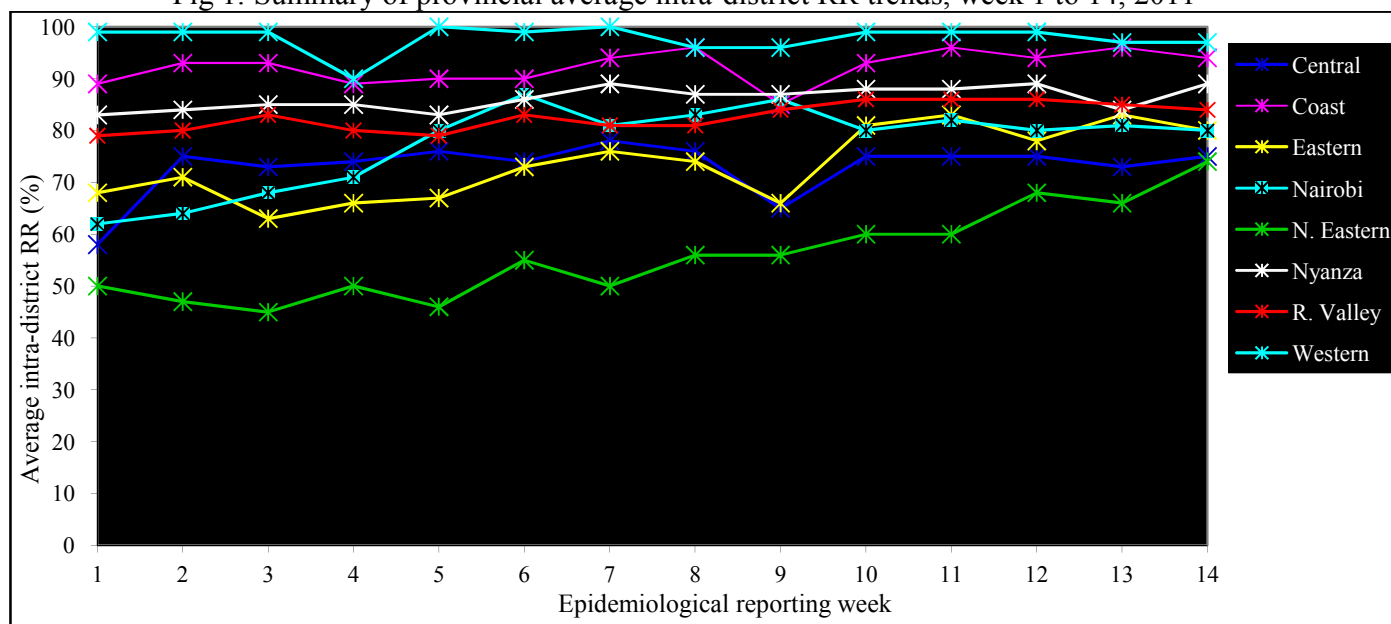
Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	11	11	11	75	100	100	92
Coast	13	13	13	94	100	100	98
Eastern	28	27	27	80	96	100	91
Nairobi	3	3	3	80	100	100	93
N. Eastern	11	11	11	74	100	100	91
Nyanza	21	21	21	89	100	100	96
R. Valley	43	42	42	84	98	100	93
Western	19	19	19	97	100	100	99
National	149	147	147	84	99	100	94

⊕ Eight new measles cases were confirmed in the week from Kajiado (2), Malindi (1), Nairobi E (1), Rarieda (1), Nairobi W (1), Teso S (1) and Nairobi N (1)

⊕ Cumulative country confirmed measles cases are 80 from 20 districts by week 14

⊕ North Eastern Province has sustained improving IDSR weekly reporting

Fig 1: Summary of provincial average intra-district RR trends, week 1 to 14, 2011



Reports not received from the following 2 districts

Marsabit and Baringo

Fig. 2: Confirmed measles cases, week 1 to 14, 2011

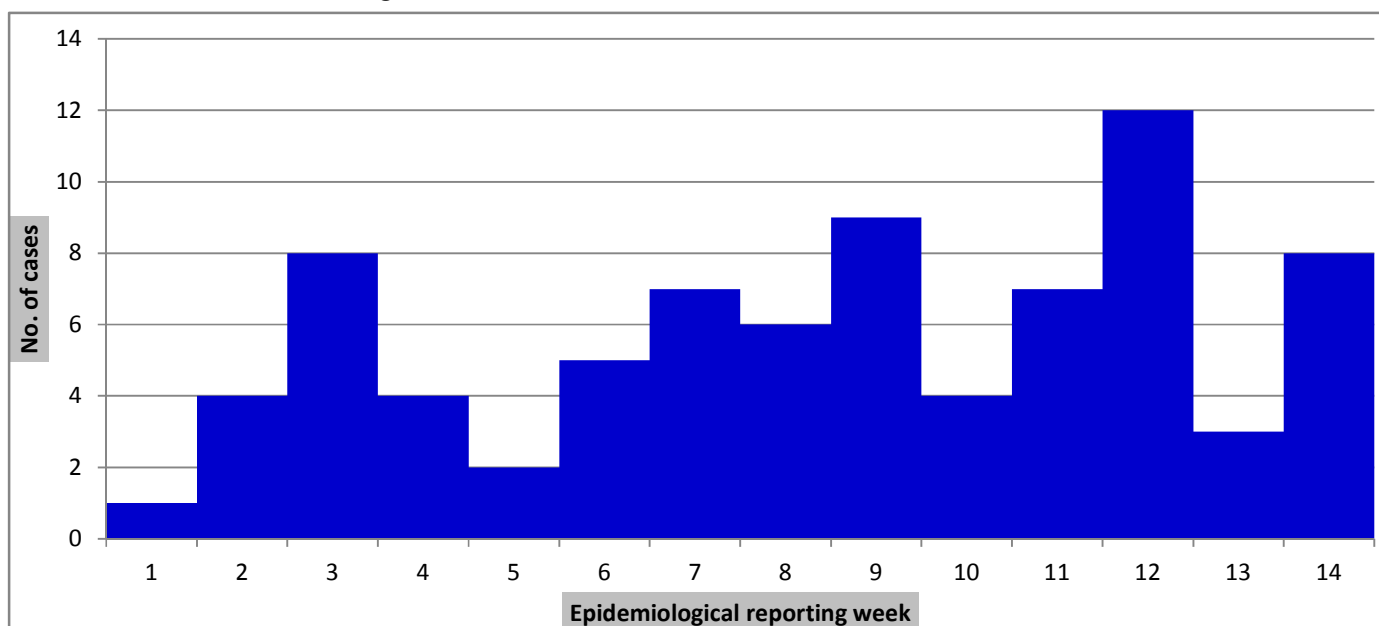


Fig. 3: Confirmed measles cases by reporting district, week 1 to 14, 2011

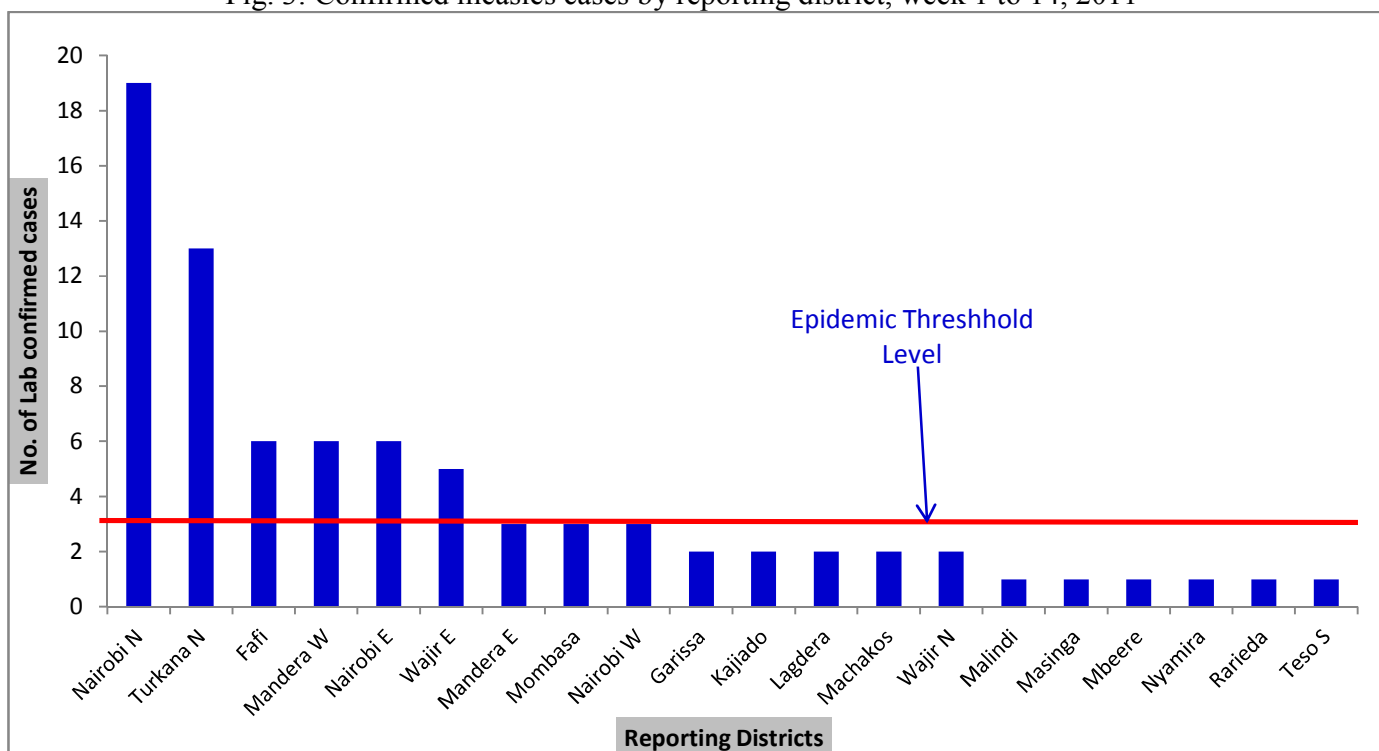
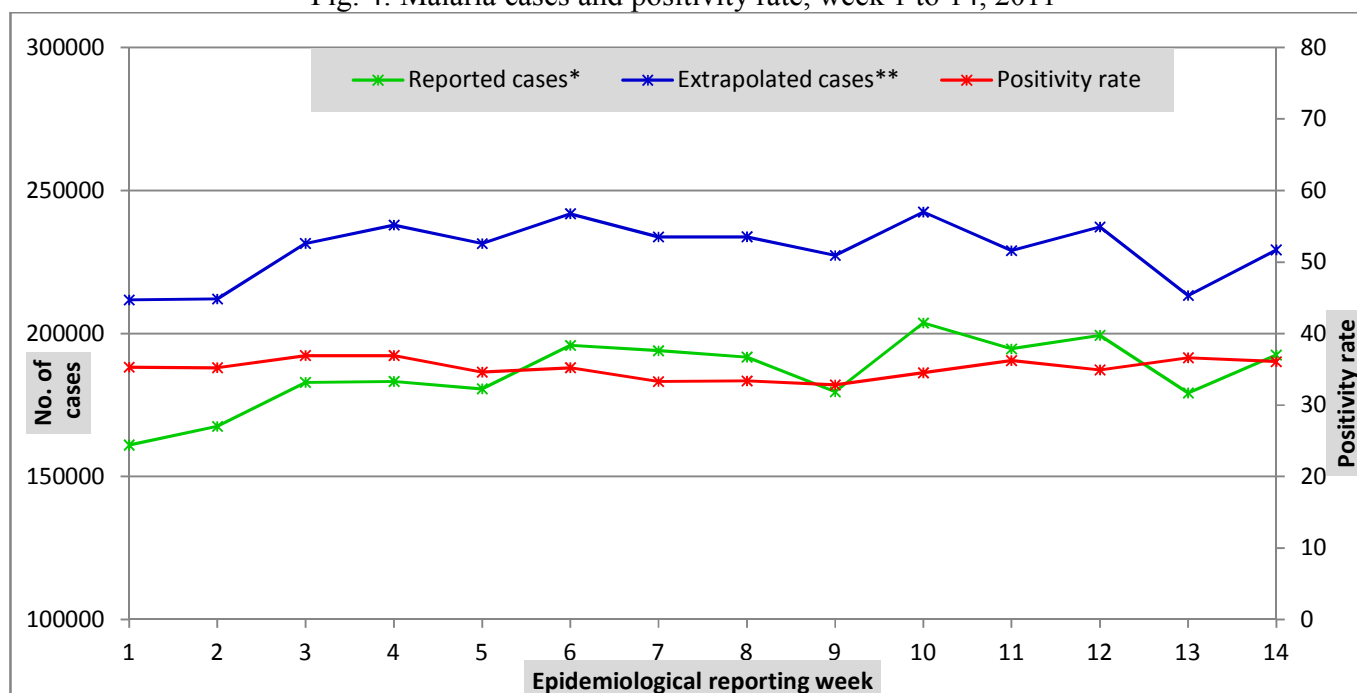


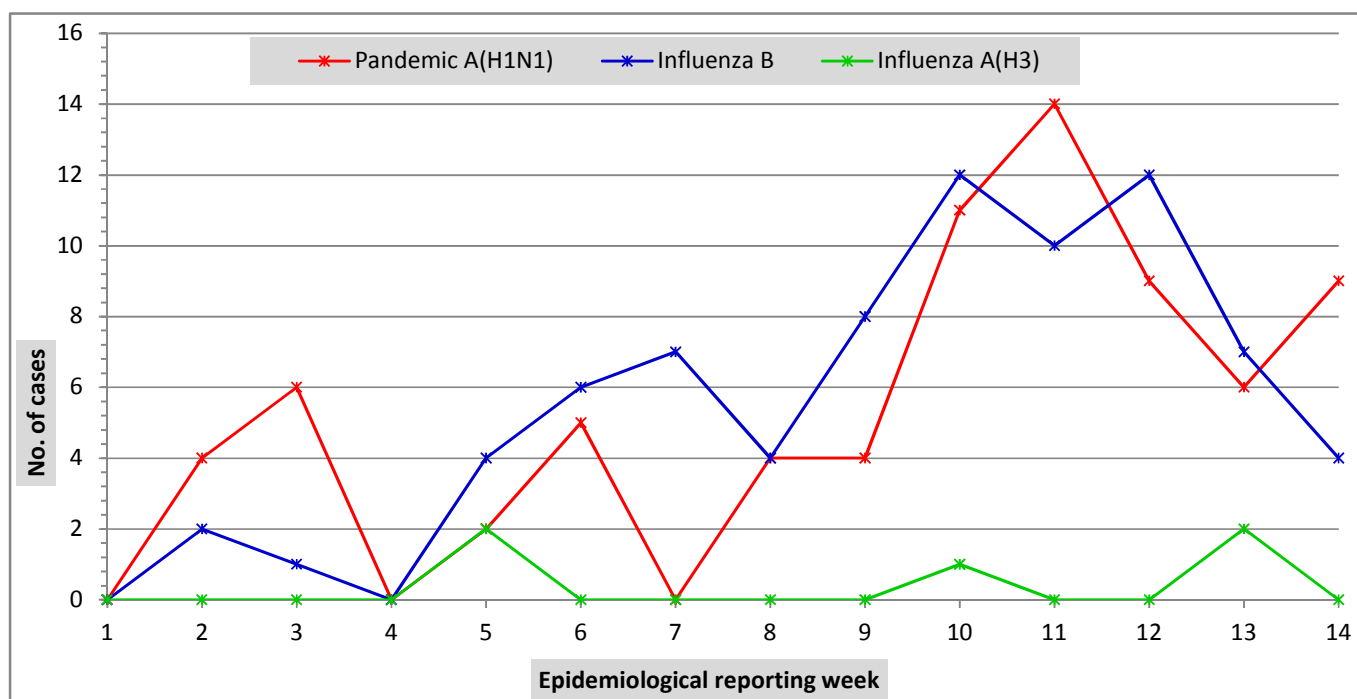
Fig. 4: Malaria cases and positivity rate, week 1 to 14, 2011



* 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 14, 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 remained at 94% in week 14
 - The number of districts that reported declined from 148 (99%) in week 13 to 147 (99%)
 - The intra-district average reporting rate stagnated at 84%
- ✚ Best performing provinces in week 14 of 2011:
 - District reporting rate: Only Eastern (96%) and Rift Valley (98%) 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 74% of health facilities in North Eastern province and 75% of those in Central province reported
- ✚ Most improved provinces in week 14 of 2011:
 - Intra-district facility RR: North Eastern (66% to 74%) and Nyanza (84% to 89%) improved the most while Eastern (83% to 80%) and Coast (96% to 94%) provinces dropped the most in performance in the week
 - District reporting rate: Only Nyanza province (95% to 100%) improved while Eastern (100% to 96%) and Rift Valley (100% to 98%) provinces declined the most
- ✚ Forty one (28%) districts [a decline from forty eight (32%) districts in week 13] attained 100% intra-district reporting rate

Disease specific reports

Malaria

- ✚ Reported cases rose from 179,192 in week 13 to 192,525
- ✚ Mortality however rose from 22 cases to 28 cases
 - The deaths were reported from: East Bungoma (9), Imenti North (4), Nakuru (4), Kitui (2), Tana River (1), Embu (1), Igembe (1), Kibwezi (1), Makueni (1), Masaba (1), Turkana Central (1), South Bungoma (1) and Teso (1) districts
- ✚ Overall, 89,827 (47%) cases were laboratory tested, yielding a positivity rate of 36.1%

Cholera

- ✚ Zero cases were reported in the week

Measles

- ✚ 93 suspected cases (a fall from 135 in week 13) were reported from 29 districts, with no death
- ✚ The cases were reported from the following districts: Mandera West (19), Kakamega Central (11), Mt. Elgon (5), Kitui (5), Nakuru (5), Kajiado (4), Naivasha (3), Wajir East (3), Rarieda (3), Garissa (3), Taita (3), Nyandarua North (3), Emuhaya (2), Samia (2), Kisumu West (2), Eldoret West (2), Taveta (2), Narok South (2), Borabu (2), Laikipia East (2), Nyamira (2), Imenti South (1), Meru South (1), Turkana Central (1), Turkana South (1), Kilindini (1), Koibatek (1), Kinango (1) and Trans-mara (1)
- ✚ The laboratory surveillance system investigated 79 case specimen
 - Eight (10%) specimen tested positive for measles IgM. The specimen were submitted from Kajiado (2), Malindi (1), Nairobi East (1), Rarieda (1), Nairobi West (1), Teso South (1) and Nairobi North (1) districts
 - Twelve (15%) specimen tested positive for rubella

Dysentery

- ✚ Reported cases declined from 1,363 to 1,227 with no death

Typhoid fever

- ✚ Reported cases marginally rose from 5,528 in week 13 to 5,582 in week 14 with no death

AFP

- ✚ Two cases were reported one each from Siaya and Homa Bay districts with no reported death

Meningococcal Meningitis

- ✚ Five cases were reported in the week with no death
- ✚ The cases were reported from Igembe (3), Imenti South (1) and Makueni (1) districts

NNT

- ✚ Zero cases were reported in the week

Influenza (Walter Reed Influenza Surveillance)

- ✚ Sixty six specimen were processed by the national influenza center
 - Nine (14%) tested positive for pandemic influenza A (H1N1) virus
 - Four (6%) tested positive for influenza B virus
 - None tested positive for influenza A (H1), influenza A (H3) and influenza A (H5)

For comments please contact:

Head, Division of Disease Surveillance and Response
 Ministry of Public Health and Sanitation
 P.O. Box 20781 - 00202
 Tel. 2718292
 Fax: 0202720533
 Web site: <http://www.health.go.ke>

Summary of Weekly Integrated Disease Surveillance and Response Report for week 14

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)	257(0)	257	2	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	100	0(0)	0(0)	1272(0)	1817	302	0(0)	197(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	54	72	0(0)	0(0)	515(0)	664	95	0(0)	78(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	89	54	0(0)	0(0)	1619(0)	1633	31	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a North	49	65	0(0)	0(0)	590(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a South	40	55	0(0)	0(0)	479(0)	370	19	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	30	87	0(0)	0(0)	518(0)	820	99	3(0)	83(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	29	90	0(0)	0(0)	67(0)	85	3	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	94	0(0)	0(0)	17(0)	433	17	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)
	Thika	100	78	0(0)	0(0)	1446(0)	878	35	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast															
	Kaloleni	17	88	0(0)	23(0)	773(0)	347	89	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	39	92	0(0)	0(0)	1671(0)	935	198	0(0)	81(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	45	89	0(0)	4(0)	2056(0)	2094	893	1(0)	32(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	21	100	0(0)	65(0)	1921(0)	532	84	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	21	95	0(0)	46(0)	1034(0)	846	115	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	33	94	0(0)	0(0)	461(0)	172	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	98	0(0)	110(0)	1228(0)	818	99	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	100	0(0)	5(0)	1362(0)	2398	619	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	100	0(0)	7(0)	857(0)	497	97	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	46	89	0(0)	0(0)	605(0)	697	93	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	94	0(0)	5(0)	557(0)	226	38	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	81	0(0)	13(0)	442(1)	174	113	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	13	100	0(0)	1(0)	378(0)	491	84	2(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern															
	Chalbi Embu	11	73	0(0)	0(0)	132(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
		77	66	0(0)	10(0)	2972(1)	2705	1060	0(0)	63(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	14	86	0(0)	0(0)	397(0)	46	6	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe	52	71	0(0)	0(0)	3202(1)	550	339	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	55	100	0(0)	0(0)	3184(4)	3574	1492	0(0)	0(0)	141(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	66	98	0(0)	0(0)	3461(0)	3313	1977	1(0)	1(0)	118(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	25	68	0(0)	0(0)	527(0)	536	100	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	28	43	0(0)	0(0)	344(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	29	100	0(0)	0(0)	1472(1)	488	142	0(0)	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	80	99	0(0)	25(0)	3834(2)	1668	644	5(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	27	85	0(0)	0(0)	648(0)	160	104	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	67	0(0)	11(0)	103(0)	24	15	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	29	100	0(0)	0(0)	1541(0)	1118	584	0(0)	0(0)	45(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	55	36	0(0)	0(0)	365(0)	300	225	0(0)	0(0)	76(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	43	98	0(0)	0(0)	1801(1)	601	158	0(0)	1(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	12	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mbeere	32	100	0(0)	2(0)	1752(0)	861	350	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	24	88	0(0)	19(0)	1053(0)	290	40	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	64	0(0)	0(0)	569(0)	966	506	0(0)	0(0)	22(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	25	100	0(0)	0(0)	1588(0)	1104	626	1(0)	0(0)	55(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	21	86	0(0)	9(0)	261(0)	46	4	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	20	95	0(0)	0(0)	915(0)	70	29	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	78	0(0)	0(0)	947(0)	394	111	0(0)	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	62	0(0)	21(0)	880(0)	0	0	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzaui	35	57	0(0)	0(0)	969(0)	195	64	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	20	90	0(0)	0(0)	1238(0)	852	382	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	57	0(0)	1(0)	1188(0)	193	114	0(0)	0(0)	42(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	47	98	0(0)	11(0)	2316(0)	747	299	0(0)	0(0)	85(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																
	Nairobi East	57	82	0(0)	0(0)	740(0)	1509	370	0(0)	0(0)	129(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi North	81	79	0(0)	0(0)	1184(0)	365	120	0(0)	0(0)	281(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nairobi West	71	80	0(0)	112(0)	657(0)	583	121	0(0)	0(0)	141(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	73	0(0)	1(0)	127(0)	91	5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	23	65	0(0)	14(0)	431(0)	715	201	3(0)	0(0)	51(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	10	50	0(0)	0(0)	142(0)	151	42	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	13	77	0(0)	22(0)	162(0)	53	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	12	75	0(0)	2(0)	183(0)	73	9	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	75	0(0)	10(0)	110(0)	112	35	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	8	88	0(0)	0(0)	203(0)	60	20	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	83	0(0)	0(0)	314(0)	31	21	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)	147	71	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	6	67	0(0)	0(0)	64(0)	64	13	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	15	67	0(0)	0(0)	208(0)	46	15	0(0)	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza																
	Bondo	26	88	0(0)	34(0)	1477(0)	617	198	0(0)	0(0)	81(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Borabu	27	78	0(0)	0(0)	1638(0)	201	15	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	35	100	0(0)	0(0)	2937(0)	956	404	0(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	42	93	0(0)	0(0)	2655(0)	1506	470	0(0)	0(0)	4(0)	0(0)	1(0)	0(0)	0(0)	0(0)
	Kisii Central	44	95	0(0)	2(0)	2903(0)	1087	119	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	11	100	0(0)	43(0)	807(0)	0	0	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	96	0(0)	3(0)	4334(0)	1589	726	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu West	22	100	0(0)	16(0)	1707(0)	955	424	2(0)	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	69	0(0)	3(0)	443(0)	85	51	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	88	0(0)	1(0)	1056(0)	58	24	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Manga	17	94	0(0)	0(0)	218(0)	192	32	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba	32	97	0(0)	0(0)	1406(1)	418	19	0(0)	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	52	100	0(0)	18(0)	2063(0)	813	363	0(0)	0(0)	14(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	48	98	0(0)	13(0)	1396(0)	547	19	2(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	47	34	0(0)	2(0)	1520(0)	347	198	0(0)	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	56	71	0(0)	12(0)	2878(0)	1102	537	0(0)	0(0)	25(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	22	100	0(0)	6(0)	1307(0)	705	263	3(0)	0(0)	54(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	40	88	0(0)	0(0)	2662()	1204	645	0(0)	0(0)	115(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	96	0(0)	33(0)	6603(0)	2045	1119	0(0)	0(0)	209(0)	0(0)	1(0)	0(0)	0(0)	0(0)
	South Gucha	19	95	0(0)	1(0)	1338(0)	400	38	0(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	42	100	0(0)	52(0)	1820(0)	194	56	0(0)	0(0)	41(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																
	Baringo	50	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Baringo North	37	76	0(0)	0(0)	639(0)	124	65	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	42	98	0(0)	3(0)	1744(0)	575	73	0(0)	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bureti	32	75	0(0)	0(0)	1940(0)	537	83	0(0)	0(0)	5(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	17	65	0(0)	44(0)	378(0)	0	0	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	37	97	0(0)	0(0)	1434(0)	400	135	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	95	0(0)	9(0)	2458(0)	934	330	2(0)	0(0)	108(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	63	68	0(0)	32(0)	2076(0)	658	178	4(0)	0(0)	71(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	45	84	0(0)	0(0)	1002(0)	340	27	0(0)	0(0)	65(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	30	80	0(0)	0(0)	938(0)	252	24	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	74	0(0)	0(0)	781(0)	97	11	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	34	97	0(0)	0(0)	859(0)	403	94	1(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	18	100	0(0)	0(0)	1205(0)	323	141	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	86	0(0)	0(0)	267(0)	65	4	2(0)	0(0)	13(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	27	100	0(0)	0(0)	873(0)	0	0	0(0)	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	23	78	0(0)	11(0)	522(0)	0	0	0(0)	0(0)	24(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	48	90	0(0)	18(0)	873(0)	264	174	0(0)	0(0)	89(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	91	0(0)	0(0)	363(0)	0	0	0(0)	0(0)	43(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	35	91	0(0)	5(0)	1691(0)	455	264	3(0)	0(0)	136(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru	45	98	0(0)	0(0)	482(4)	674	42	5(0)	0(0)	138(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	34	85	0(0)	0(0)	962(0)	248	85	0(0)	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	26	85	0(0)	0(0)	983(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)	12(0)	1191(0)	387	85	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	88	0(0)	0(0)	1216(0)	366	116	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	18	100	0(0)	0(0)	1723(0)	137	61	0(0)	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	100	0(0)	0(0)	992(0)	263	43	0(0)	0(0)	54(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 South	30	67	0(0)	10(0)	756(0)	268	32	2(0)	0(0)	49(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	14	71	0(0)	6(0)	457(0)	328	77	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	95	0(0)	0(0)	693(0)	206	64	0(0)	0(0)	94(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	20	90	0(0)	2(0)	494(0)	0	0	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	69	0(0)	5(0)	210(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	9	78	0(0)	35(0)	278(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)	1526(0)	434	64	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	100	0(0)	4(0)	206(0)	130	24	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	23	100	0(0)	0(0)	1280(0)	1105	341	0(0)	0(0)	180(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	24	100	0(0)	13(0)	1549(0)	572	105	0(0)	0(0)	8(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	48	90	0(0)	13(0)	1749(0)	271	2	1(0)	0(0)	56(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	40	83	0(0)	5(0)	1704(1)	800	412	1(0)	0(0)	39(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	26	69	0(0)	11(0)	507(0)	785	65	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	20	75	0(0)	0(0)	493(0)	73	37	1(0)	0(0)	12(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	38	97	0(0)	0(0)	1612(0)	1080	359	0(0)	0(0)	62(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	24	83	0(0)	2(0)	1294(0)	522	96	0(0)	0(0)	66(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyal	7	100	0(0)	0(0)	276(0)	129	45	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	31	100	0(0)	44(0)	5365(0)	1912	1262	0(0)	0(0)	94(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	18	100	0(0)	0(0)	3345(0)	1093	487	0(0)	0(0)	80(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	13	100	0(0)	0(0)	1970(9)	1533	1215	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	0(0)	1746(0)	397	285	2(0)	0(0)	52(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	38	0(0)	0(0)	546(0)	168	68	0(0)	0(0)	35(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	28	96	0(0)	0(0)	3964(0)	2308	1032	11(0)	0(0)	194(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	14	100	0(0)	0(0)	1467(0)	986	343	0(0)	0(0)	40(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North (Malava)	19	100	0(0)	0(0)	1631(0)	838	601	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	11	100	0(0)	0(0)	1603(0)	778	337	0(0)	0(0)	79(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	100	0(0)	35(0)	3253(0)	1050	176	0(0)	0(0)	81(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt Elgon	16	100	0(0)	0(0)	1310(0)	940	387	5(0)	0(0)	79(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	26	100	0(0)	4(0)	2787(0)	1319	827	0(0)	0(0)	64(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Bungoma	21	100	0(0)	13(0)	2020(0)	1105	653	0(0)	0(0)	82(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria Tested	Malaria Positive	Measles	MM	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	Samia	10	100	0(0)	0(0)	1238(0)	66	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Bungoma	22	100	0(0)	47(0)	3277(1)	475	0(0)	0(0)	148(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso	20	100	0(0)	4(0)	3963(1)	494	0(0)	0(0)	66(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Vihiga	20	100	0(0)	0(0)	2787(0)	682	0(0)	0(0)	87(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Bungoma	20	85	0(0)	52(0)	1464(0)	0	0(0)	0(0)	75(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 14 summary	0 (0)	1,227 (0)	192,525 (28)	89,827	32,432	93 (0)	5 (0)	5,582 (0)	0 (0)	2 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	1 (0)	17,450 (1)	2,606,126 (378)	1,184,358	415,914	754 (3)	21 (1)	81,070 (3)	2 (0)	12 (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