

# **Republic of Kenya Ministry of Public Health and Sanitation**

# WEEKLY EPIDEMIOLOGICAL BULLETIN

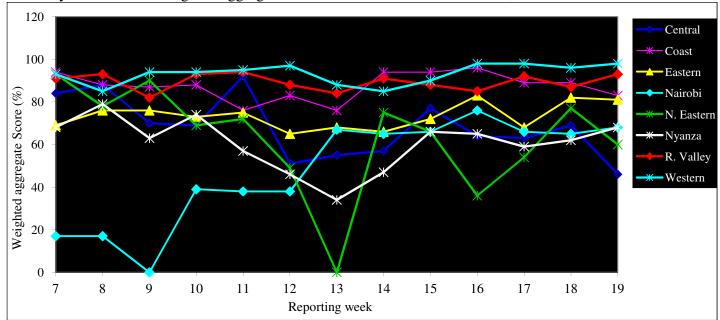
Week 19

Week ending 16<sup>th</sup> May 2010

Provincial & national surveillance indicators for week 19

Province	No. of	Reporti	Complete	Intra-district	Timel	Completeness	Weighted	
	Districts	ng on time	reports	facility RR (%)	iness (%)	of reports (%)	aggregate score (%)	The national average district
Central	11	4	4	32	36	100	46	reporting rate declined to 84%
Coast	13	11	11	73	85	100	83	Φ/T/h = 0.44 = 0.41
Eastern	28	25	25	60	89	100	81	The national weighted aggregate
Nairobi	3	2	2	54	67	100	68	score also declined
N. Eastern	11	7	7	34	64	100	60	marginally to 80%
Nyanza	21	14	14	54	67	100	68	Congratulations to <b>R. Valley</b> and
R. Valley	43	43	43	78	100	100	93	Western for
Western	19	19	19	93	100	100	98	posting 100% district reporting
National	149	125	125	63	84	100	80	James 13 porting

Summary of Provincial weighted aggregate score trends for week 7 to week 19, 2010



## **Reports not received from the following 24 Districts**

Gatundu, Kiambu East, Murang'a North, Nyandarua North, Nyandarua South, Nyeri South, Thika, Kwale, Malindi, Igembe, Kibwezi, Meru Central, Nairobi East, Fafi, Ijara, Wajir West, Wajir East, Borabu, Homa Bay, Kisii Central, Kuria West, Migori, Siaya, South Gucha

#### • Nationally:

- The surveillance weighted aggregate score declined from 81% to 80%
- The number of districts that submitted reports on time also decreased from 128 (86%) to 125 (84%)
- The intra-district average reporting rate decreased marginally from 64% to 63%
- Best performing provinces:
  - Western (98%) and Rift Valley (93%) Provinces had the highest weighted aggregate score while Central (46%) and North Eastern (60%) Provinces had the lowest score
  - Western and Rift Valley posted 100% district reporting rate while Central had the lowest rate at 36% (down from 73% in week 18)
  - Western (93%) Province had the highest intra-district facility reporting rate while Central (32%) and North Eastern (34%) had the lowest rates
- Most improved provinces:
  - Intra-district facility RR: Nairobi (46% to 54%) and Western (87% to 93%) improved the most while Central (47% to 32%) declined the most
  - District reporting rate: Nyanza (57% to 67%) and Rift Valley (93% to 100%) improved the most while Central (73% to 36%) and North Eastern (91% to 64%) declined the most
- Stability: Western and Rift Valley Provinces are the most consistent while North Eastern and Central have fluctuated the most
- We recognize the 27 (18%) districts [up from 23 (15%) districts in week 18] that attained 100% intra-district reporting: Kilindini, Taita, Taveta, Maara, Meru South, Gucha, Kisii South, Kuria East, Bureti, Eldoret East, Kwanza, Laikipia North, Sotik, Trans Nzoia East, Trans Nzoia West, Bunyala, Butere, East Bungoma, Emuhaya, Kakamega Central (Lurambi), Kakamega East (Shinyalu), Kakamega North (Malava), Kakamega South (Ikolomani), Lugari, Mt Elgon, Samia, South Bungoma

## Disease specific reports

#### Cholera

- 85 cases (a fall from 93 in week 18) were reported in week 19 with no death
- 67 (79%) cases were reported from West Pokot District while the remaining cases were reported from Kilifi (7), Tharaka (5), Nairobi West (4) and Mombasa (2)

#### Measles

- Eleven suspected cases (up from 3 in week 18)
   were reported with no death
- Cases reported form Pokot Central (4), Loitoktok (3), Kirinyaga (1), Laikipia East (1), Molo (1) and Transmara (1)
- The laboratory surveillance system investigated 10 case specimen from 9 districts All (100%) tested negative for measles IgM and were therefore classified as discarded Only 1 (10%) tested positive for rubella

#### Malaria

- Properties Reported cases declined from 167,298 to 162,588 in week 19
- Mortality conversely rose from 38 to 48 in week
  19
- Overall, 46,231 cases (28%) were laboratory tested, yielding a positivity rate of 41% (up from 37%)

#### Dysentery

The number of reported cases rose from 1,558 to 1,829 with no death

#### Typhoid fever

Reported cases rose from 4,220 to 4,707 with 1 death reported from Kakamega South (Ikolomani)

### AFP

There were no cases reported

#### Meningococcal Meningitis

Three cases were reported from East Bungoma district

For comments please contact: Head, Division of Disease Surveillance and Response

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# Summary of Weekly Integrated Disease Surveillance and Response Report for week 19

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	ММ	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
Central																
	Gatundu	40	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kiambu East	34	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kiambu West	54	76	0(0)	0(0)	890(0)	0	0	0(0)	0(0)	96(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga	87	67	0(0)	0(0)	1282(0)	526	50	1(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Murang'a North	41	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Murang'a South	40	63	0(0)	0(0)	1182(0)	0	0	0(0)	0(0)	28(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	24	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyandarua South	22	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Nyeri North	70	80	0(0)	0(0)	548(0)	432	24	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	52	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Thika	100	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
Coast																
	Kaloleni	18	72	0(0)	58(0)	1500(0)	280	97	0(0)	0(0)	6(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	36	92	7(0)	148(0)	3101(0)	489	92	0(0)	0(0)	2(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	100	0(0)	0(0)	2128(0)	1602	532	0(0)	0(0)	33(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kinango	18	78	0(0)	31(0)	1881(0)	343	74	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	20	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Lamu	33	76	0(0)	0(0)	949(0)	390	50	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Mombasa	30	97	2(0)	0(0)	797(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	86	0(0)	6(0)	1286(0)	357	70	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	42	100	0(0)	4(0)	1188(0)	1135	232	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	16	88	0(0)	18(0)	977(0)	157	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	21	90	0(0)	0(0)	959(2)	489	275	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	12	100	0(0)	4(0)	753(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																
	Chalbi	11	45	0(0)	0(0)	200(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu	70	59	0(0)	0(0)	2805(0)	1753	810	0(0)	0(0)	78(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	12	42	0(0)	0(0)	197(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	ММ	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	lgembe	46	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Imenti North	55	89	0(0)	6(0)	1749(0)	0	0	0(0)	0(0)	119(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti Souith	58	90	0(0)	0(0)	2932(0)	2313	1546	0(0)	0(0)	102(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	24	13	0(0)	0(0)	401(0)	174	101	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	25	40	0(0)	0(0)	612(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	23	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Kitui	79	71	0(0)	25(0)	3154(0)	619	276	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kyuso	22	73	0(0)	0(0)	958(0)	152	38	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	12	33	0(0)	0(0)	168(0)	0	0	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	25	100	0(0)	0(0)	1926(0)	1178	656	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	31	55	0(0)	0(0)	1999(0)	220	103	0(0)	0(0)	44(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	33	70	0(0)	0(0)	1352(3)	479	44	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marsabit	10	30	0(0)	0(0)	216(0)	149	18	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere	28	96	0(0)	4(0)	2122(2)	673	318	0(0)	0(0)	36(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni	18	78	0(0)	0(0)	643(0)	342	40	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	21	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Meru South	20	100	0(0)	0(0)	1576(0)	954	549	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	15	53	0(0)	6(0)	259(0)	25	4	0(0)	0(0)	11()	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	16	81	0(0)	0(0)	778(0)	134	38	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	30	77	0(0)	15(0)	1208(0)	360	168	0(0)	0(0)	78(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	73	0(0)	30(0)	1190(0)	0	0	0(0)	0(0)	13(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzaui	43	30	0(0)	0(0)	1323(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	17	71	5(0)	0(0)	418(0)	294	193	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania	28	57	0(0)	2(0)	1965(0)	0	0	0(0)	0(0)	16(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	43	60	0(0)	1(0)	1819(0)	119	40	0(0)	0(0)	29(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																
		51	0			DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
		81				964(0)	0		0(0)	0(0)	284(0)	0(0)		0(0)		0(0)
	Nairobi West	71	52	4(0)	84(0)	599(0)	940	287	0(0)	0(0)	106(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	ММ	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
North																
Eastern	Fafi	9	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
		23				947(0)	0	0	0(0)	0(0)		0(0)	0(0)	0(0)		0(0)
		9	0			DNR	0	0		DNR		DNR		DNR		DNR
	ljara Lagdara						44	9	DNR O(O)		DNR		DNR			
	Lagdera	13			` '	351(0)			0(0)	0(0)			0(0)	0(0)		0(0)
		9				435(0)	0	0	0(0)	0(0)	0(0)		0(0)	0(0)		0(0)
		8	50	` '	` '	115(0)	0	0	0(0)	0(0)	9(0)		0(0)	0(0)		0(0)
		8	75		` '	525(0)	0	0	0(0)	0(0)			0(0)	0(0)		0(0)
	•	11	0			DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR		DNR
	•	11	0			DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR		DNR
	•	8			` '	131(0)	0	0	0(0)	0(0)			0(0)	0(0)		0(0)
	Wajir South	13	31	0(0)	0(0)	209(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nyanza	Dl -	25	02	0(0)	40(0)	2047(4)	C40	270	0/0)	0(0)	E0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
		25		` '		3017(1)	649	378	0(0)	0(0)				0(0)		0(0)
		14	0			DNR	0	0	DNR	DNR	DNR	DNR		DNR		DNR
		35		` '	` '	2171(0)	0	0	0(0)	0(0)	` '	0(0)	0(0)	0(0)		0(0)
	•	40	0			DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR		DNR
		42	0			DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR		DNR
		11			` '	593(0)	281	60	0(0)	0(0)	8(0)		0(0)	0(0)		0(0)
		54			` '	4407(0)	2110	1004	0(0)	0(0)			0(0)	0(0)		0(0)
		17			` '	2330(0)	0	0	0(0)	0(0)			0(0)	0(0)		0(0)
		12				324(0)	40	7	0(0)	0(0)	` '		0(0)	0(0)		0(0)
		24	0			DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR		DNR
	S .	17	94	` '	` '	280(0)	50	8	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)		0(0)
		36	67	0(0)	` '	1083(0)	409	33	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)		0(0)
	J. Company	42	0			DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR		DNR
	•	45	96	0(0)	0(0)	956(2)	245	24	0(0)	0(0)	32(0)		0(0)	0(0)		0(0)
	Nyando	42	81	0(0)	1(0)	2003(0)	240	160	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo	34	76	0(0)	3(0)	1639(0)	0	0	0(0)	0(0)	27(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarienda	18	94	0(0)	6(0)	2205(0)	772	375	0(0)	0(0)	58(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	32	69	0(0)	0(0)	1418(0)	0	0	0(0)	0(0)	17(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	70	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	South Gucha	14	0	DNR	DNR	DNR	0	0	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Suba	40	98	0(0)	29(0)	1838(0)	178	52	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Rift Valley																
	Baringo	50	66	0(0)	0(0)	478(0)	0	0	0(0)	0(0)	13(0)		0(0)	0(0)	0(0)	0(0)
	Baringo North	33	61	0(0)	18(0)	330(0)	0	0	0(0)	0(0)	4(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	38	92	0(0)	2(0)	1467(0)	365	50	0(0)	0(0)	58(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bureti	32	100	0(0)	0(0)	1936(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	9	33	0(0)	0(0)	595(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	36	100	0(0)	0(0)	1438(0)	635	212	0(0)	0(0)	19(0)	DNR	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	68	0(0)	4(0)	1832(0)	707	215	0(0)	0(0)	116(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	35	60	0(0)	33(0)	894(0)	172	130	0(0)	0(0)	51(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	36	86	0(0)	5(0)	908(0)	165	44	0(0)	0(0)	30(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho	40	70	0(0)	0(0)	1182(0)	204	29	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	38	58	0(0)	0(0)	581(0)	0	0	0(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	31	90	0(0)	1(0)	628(0)	265	56	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	17	100	0(0)	0(0)	1411(0)	626	250	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	86	0(0)	0(0)	426(0)	0	0	1(0)	0(0)	3(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	100	0(0)	2(0)	148(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	25	88	0(0)	0(0)	844(0)	0	0	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitoktok	23	78	0(0)	229(0)	810(0)	0	0	3(0)	0(0)	233(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet	54	74	0(0)	59(0)	799(0)	225	174	0(0)	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	34	56	0(0)	0(0)	554(2)	0	0	1(0)	0(0)	9(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	35	89	0(0)	16(0)	1391(0)	365	204	0(0)	0(0)	185(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru	45	91	0(0)	0(0)	727(7)	964	105	0(0)	0(0)	106(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	29	97	0(0)	0(0)	760(0)	0	0	0(0)	0(0)	152(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	22	59	0(0)	0(0)	687(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)	24(0)	1033(3)	417	96	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	20	90	0(0)	0(0)	735(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi South	16	88	0(0)	0(0)	1218(0)	134	50	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Province	District	Reports Expected	% RR	Cholera	Dysentery	Malaria	Malaria Tested	Malaria Positive	Measles	ММ	Typhoid	NNT	AFP	VHF	Plague	Yellow Fever
	Narok North	29	59	0(0)	10(0)	514(0)	123	38	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	63	0(0)	27(0)	371(0)	103	26	0(0)	0(0)	26(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	North Pokot	12	67	0(0)	12(0)	631(0)	181	48	0(0)	0(0)	48(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	18	89	0(0)	10(0)	785(0)	198	72	4(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu	12	75	0(0)	5(0)	354(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	15	33	0(0)	0(0)	224(0)	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	7	43	0(0)	20(0)	175(0)	0	0	0(0)	0(0)	11(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	29	100	0(0)	0(0)	1322(0)	230	16	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	80	0(0)	8(0)	271(0)	227	28	0(0)	0(0)	15(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	20	100	0(0)	0(0)	1058(0)	809	355	0(0)	0(0)	137(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	22	100	0(0)	15(0)	1502(0)	737	170	0(0)	0(0)	7(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Transmara	39	59	0(0)	2(0)	683(0)	200	18	1(0)	0(0)	20(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	32	66	0(0)	25(0)	1330(0)	500	229	0(0)	0(0)	34(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	21	86	0(0)	10(0)	776(1)	904	317	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	21	67	0(0)	11(0)	737(0)	87	46	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	37	97	0(0)	0(0)	1031(0)	681	190	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	26	81	67(0)	15(0)	1462(0)	640	181	0(0)	0(0)	97(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																
	Bunyala	7	100	0(0)		919(0)	0			0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	27	89	0(0)	23(0)	5960(0)	1434	981		0(0)	348(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	16	100	0(0)	63(0)	3408(0)	735	367	0(0)	0(0)	86(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Bungoma	11	100	0(0)	0(0)	2178(3)	1027	439	0(0)	3(0)	86(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	22	100	0(0)	` '	2016(0)	91	74	0(0)	0(0)	75(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	13	85	0(0)	9(0)	1054(0)	302	150	0(0)	0(0)	51(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central (Lurambi)	29	100	0(0)	4(0)	4338(0)	2058	1025	0(0)	0(0)	82(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East (Shinyalu)	12	100	0(0)	0(0)	1839(0)	699	128	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North (Malava)	16	100	0(0)	1(0)	1650(0)	539	318	0(0)	0(0)	60(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South (Ikolomani)	9	100	0(0)	0(0)	1105(0)	108	57	0(0)	0(0)	0(1)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	24	100	0(0)	17(0)	2993(0)	0	0	0(0)	0(0)	85(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Mt Elgon       16       100       0(0)       2(0)       1122(0)       0       0       0(0)       19(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 11 91 0(0) 0(0) 986(0) 419 223 0(0) 0(0) 0(0) 0(0) 0(0) 0(0) 0(0) 0(0		Mt Elgon	16	100	0(0)	2(0)	1122(0)	0	0	0(0)	0(0)	19(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Samia       9       100 0(0)       0(0)       755(0)       94 40 0(0)       0(0)       758(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0) 0(0) 0(0)       0(0) 0(0) 0(0)       0(0) 0(0) 0(0)       0(0) 0(0) 0(0)       0(0) 0(0) 0(0)       0(0) 0(0) 0(0)       0(0) 0(0) 0(0)       0(0) 0(0) 0(0)		Mumias	26	81	0(0)	23(0)	3853(0)	1416	819	0(0)	0(0)	46(0)	0(0)	0(0)	0(0)	0(0)	0(0)
South Bungoma       22       100       0(0)       101(0)       4009(20)       1355       655       0(0)       0(0)       103(0)       0(		North Bungoma	11	91	0(0)	0(0)	986(0)	419	223	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Teso 20 70 0(0) 18(0) 3153(2) 293 181 0(0) 0(0) 81(0) 0(0) 0(0) 0(0) 0(0) 0(0) 0(0) 0(0)		Samia	9	100	0(0)	0(0)	755(0)	94	40	0(0)	0(0)	758(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Vihiga 21 86 0(0) 0(0) 2317(0) 1445 674 0(0) 0(0) 31(0) 0(0) 0(0) 0(0) 0(0)		South Bungoma	22	100	0(0)	101(0)	4009(20)	1355	655	0(0)	0(0)	103(0)	0(0)	0(0)	0(0)	0(0)	0(0)
		Teso	20	70	0(0)	18(0)	3153(2)	293	181	0(0)	0(0)	81(0)	0(0)	0(0)	0(0)	0(0)	0(0)
West Bungoma 20 85 0(0) 96(0) 1964(0) 1256 809 0(0) 0(0) 0(0) 0(0) 0(0) 0(0) 0(0)		Vihiga	21	86	0(0)	0(0)	2317(0)	1445	674	0(0)	0(0)	31(0)	0(0)	0(0)	0(0)	0(0)	0(0)
		West Bungoma	20	85	0(0)	96(0)	1964(0)	1256	809	0(0)	0(0)	0(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
Weeks summary	85(0)	1,829(0)	162,588(48)	46,231	19,141	11(0)	3(0)	4,707(1)	0(0)	0(0)	0(0)	0(0)	0(0)
Years cumulative summary	1,497 (23)	22,614 (11)	2,868,317 (743)	453,912	179,356	260 (0)	51 (14)	64,775 (8)	0 (0)	20 (0)	0 (0)	0 (0)	0 (0)

<sup>\*</sup> From week 10 of 2010 (Excludes week 1 up to week 9)

## Key

DNR: District did not report for this disease MM: Meningococcal Meningitis

AFP: Acute Flaccid Paralysis

VHF: Viral Hemorrhagic Fever

NNT: Neonatal Tetanus

NEP: North Eastern Province

HF: Health Facilities % RR: Health Facility reporting rate for this week

Timely reports: Reports received before Wednesday

Completeness (Intra-district): Proportion of health facilities reporting in a district/province

Timeliness: Proportion of district in a province/country reporting on time

Weighted Aggregate Score: Composite Surveillance Score (3 for Timeliness, 2 for Completeness and 1 for Complete reports)