



Republic of Kenya
Ministry of Public Health and Sanitation

WEEKLY EPIDEMIOLOGICAL BULLETIN

Week 20

Week Ending 20th May 2012

Provincial & national surveillance indicators for week 20

Province	No. of Districts	Reporting on time	Complete reports	Intra-district facility RR (%)	Timeliness (%)	Completeness of reports (%)	Weighted aggregate score (%)
Central	17	17	17	85	100	100	95
Coast	13	13	13	99	100	100	100
Eastern	41	41	41	89	98	100	95
Nairobi	9	9	9	69	100	100	90
N. Eastern	12	12	12	90	100	100	97
Nyanza	35	35	35	98	100	100	99
R. Valley	56	56	56	87	100	100	96
Western	28	28	28	100	100	100	100
National	211	211	211	90	100	100	96

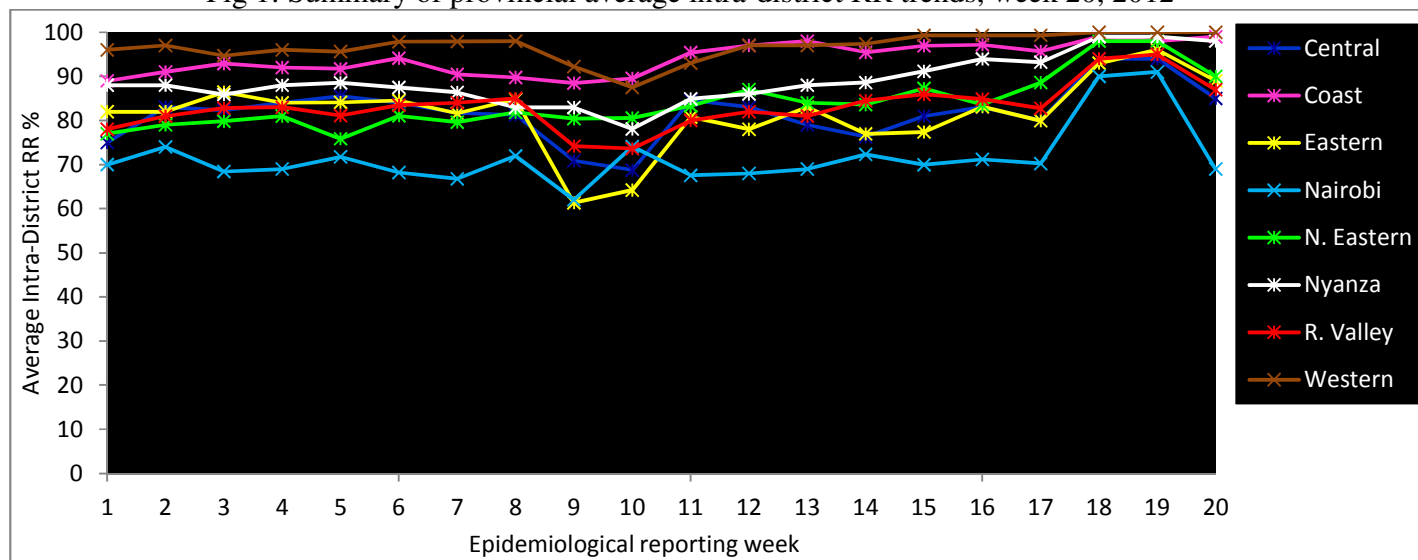
Overall IDSR reporting performance improved in week 20 compared to 19

04 new measles cases confirmed in week 18

Total confirmed measles cases in the country in 2012 is 261 by week 19

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Fig 1: Summary of provincial average intra-district RR trends, week 20, 2012



Report not received from Makueni district

Fig. 2: Confirmed measles cases (n=261), week 19, 2012

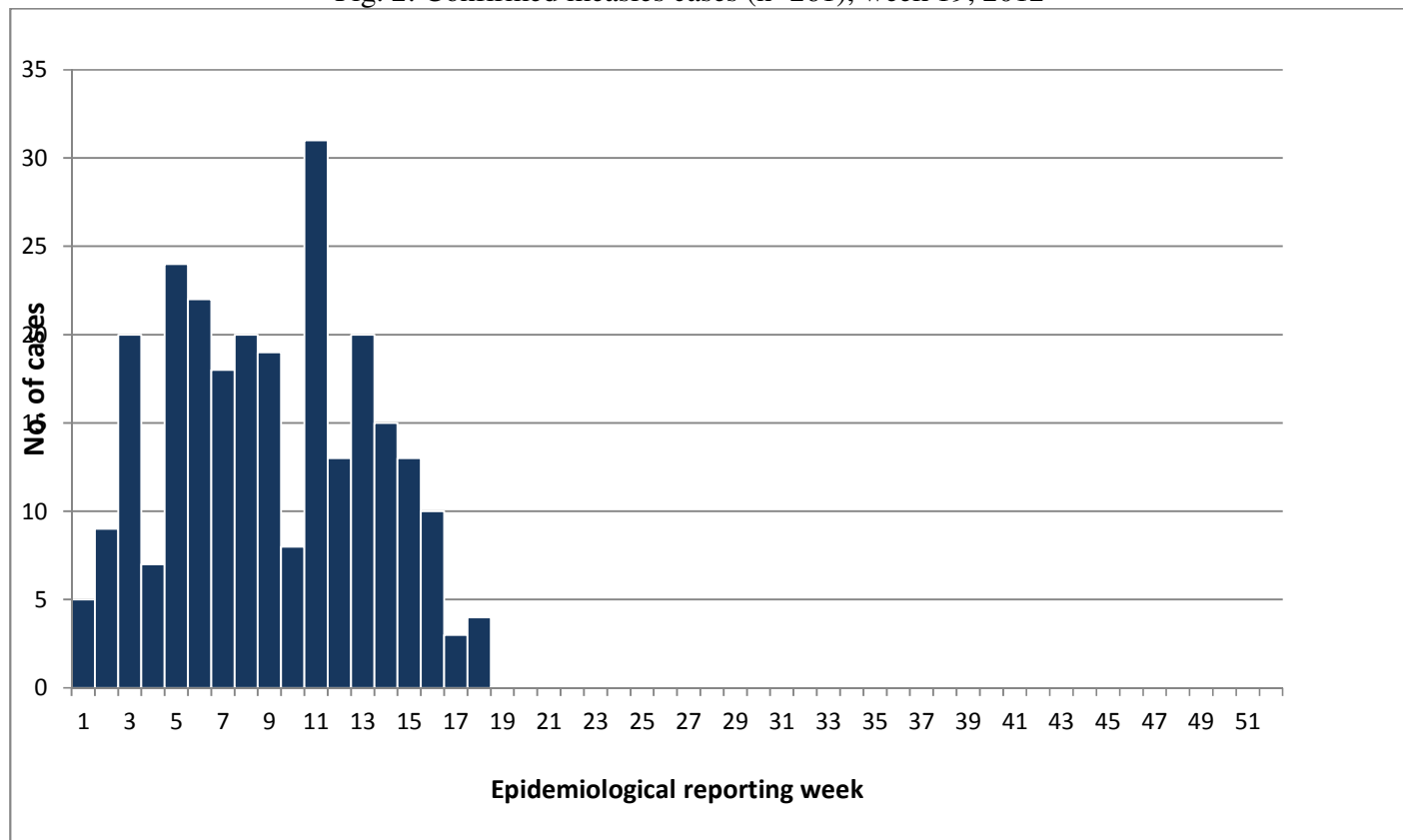
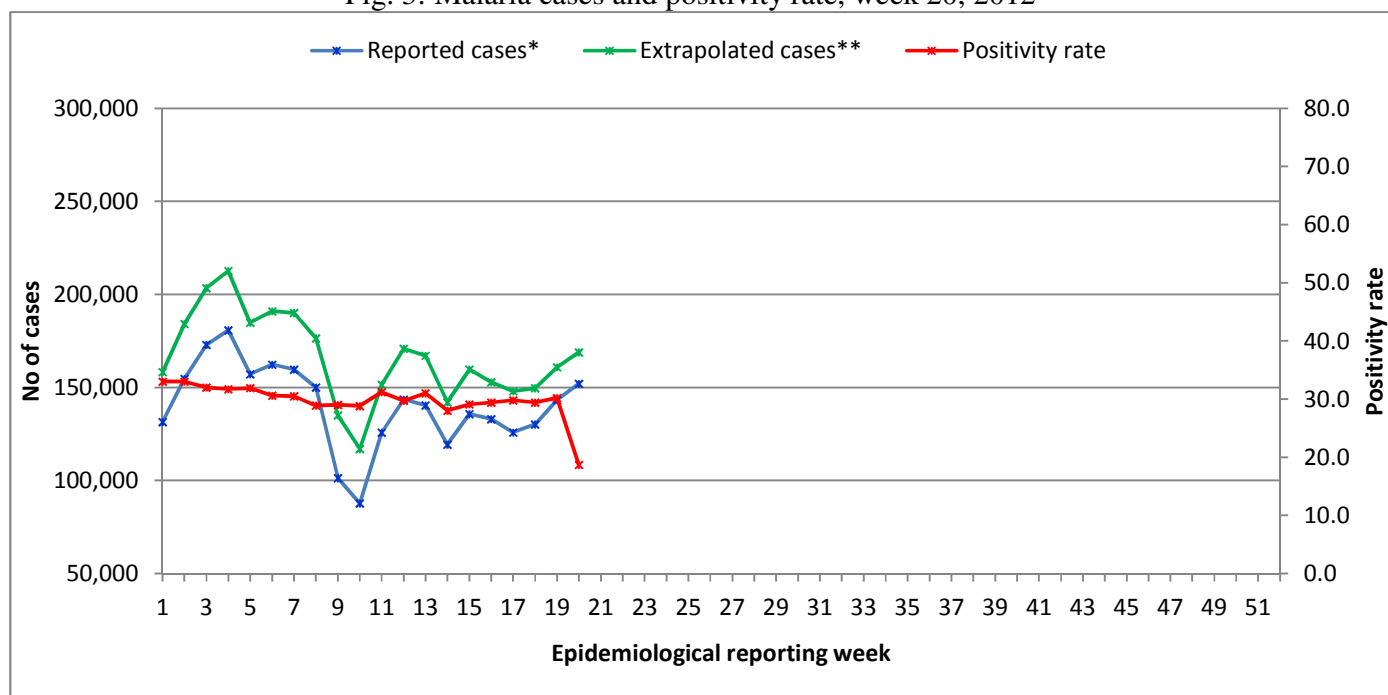


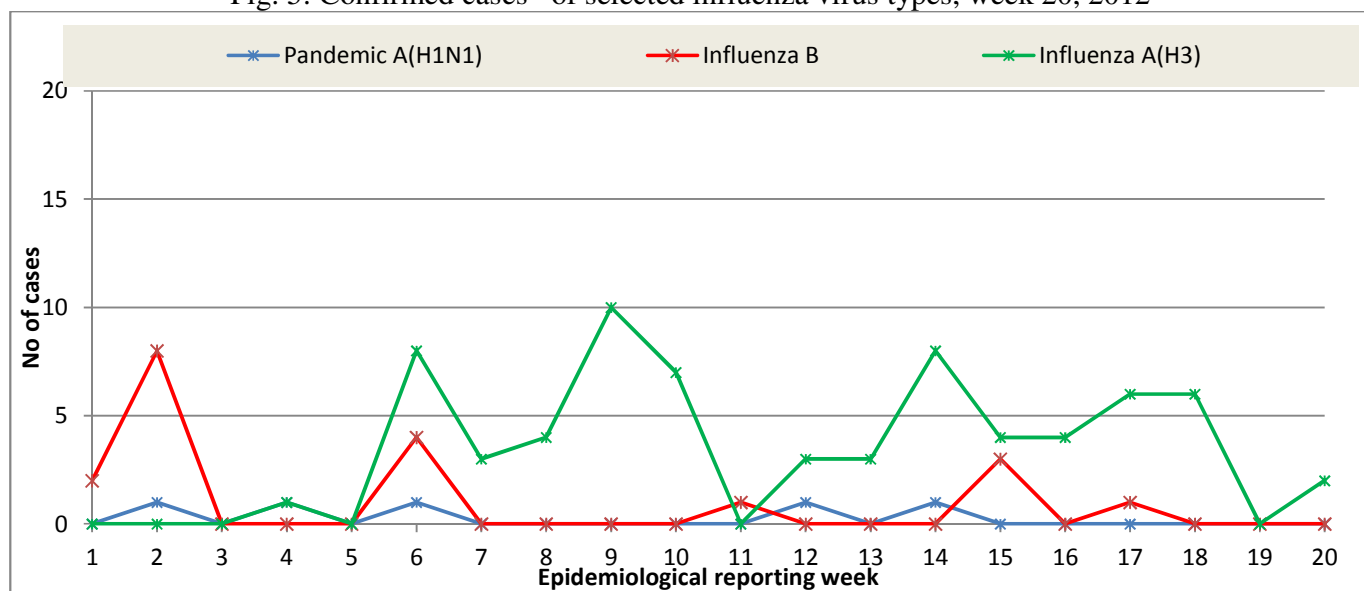
Fig. 3: Malaria cases and positivity rate, week 20, 2012



* 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 20, 2012



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

Highlights of the week

<p>✦ Nationally:</p> <ul style="list-style-type: none"> □ The surveillance weighted aggregate score was 96% in week 20 □ The proportion of districts that reported decreased from 100% in week 19 to 99% in week 20 □ The intra-district average reporting rate increased from 89% in week 19 to 90% in week 20 <p>✦ Best performing provinces in week 19 of 2012:</p> <ul style="list-style-type: none"> □ District reporting rate: All provinces had 100% district reporting apart from Eastern province □ Intra-district facility reporting rate: 100% of health facilities in Western Province reported while only 69% of facilities reported in Nairobi Province <p>✦ Most improved provinces in week 19 of 2012:</p> <ul style="list-style-type: none"> □ Intra-district facility RR: Performance in Coast (94% to 99%) Province improved the most. Performance in Nairobi (72% to 69%) province declined the most <p>✦ Seventy nine districts (37.3%) [a decline from One hundred and two (48.3%) districts in week 19] attained 100% intra-district reporting rate</p>	<p>Measles</p> <p>✦ 173 suspected cases (an increase from 158 in week 19) were reported from 34 districts, with no deaths reported</p> <ul style="list-style-type: none"> □ The cases were reported from: Igembe south (32), Siaya (20), Igembe north (19), Malindi (13), Turkana south (7), Kinango (6), Mwingi (6), Narok north (6), Kajiado (5), Wajir east (4), Mandera north (3), Masaba north (3), Mbita (3), Ugenya (3), Mbeere outh (3), Rongai (3), Embu west (2), Tigani east (2), Mandera west (2), Pokot central (2), west Pokot (2), Kwale (1), Mombasa (1), Kitui (1), Laikipia east (1), Narok south (1), Wajir west (1), Bondo (1), Kisumu west (1), Trans mara (1) And Wareng (1) districts. <p>✦ The laboratory surveillance system received 16 samples in week 18 and 27 in week 19. Four samples (25%) tested positive for measles IgM in week 18 and none in week 19. The specimen were from Fafi (3) and Kiambu west districts</p>
<p>Disease specific reports</p> <p>Malaria</p> <p>✦ Reported cases increased from 143,205 in week 19 to 151,971 in week 20</p> <p>✦ Mortality stood at 7 in week</p> <ul style="list-style-type: none"> □ The deaths were reported from: Bungoma east (4), Kibwezi (2), and Nandi east (1) Districts <p>✦ Overall, 91,759 (60.4%) cases were laboratory tested, yielding a positivity rate of 31.1%</p> <p>Cholera</p> <p>✦ Zero cases were reported in the week</p>	<p>Dysentery</p> <p>✦ Reported cases increased from 1,129 in week 19 to 1,471 in week 20 with no reported deaths</p> <p>Typhoid fever</p> <p>✦ Reported cases decreased from 5611 in week 19 to 5267 in week 20 with no reported death</p> <p>AFP</p> <p>✦ Seven cases were reported in the week by Kitui (1), Bondo (1), Kuria west (1), Manga (1), Siaya (1), Teso north (1) and Kiambu West (1) Districts with no reported death</p> <p>✦ All investigated cases tested negative for polio virus</p> <p>Meningococcal Meningitis</p> <p>✦ One case was reported in the week Kitui district</p> <p>NNT</p> <p>✦ Zero cases reported in the week</p>
	<p>Influenza (Walter Reed Influenza Surveillance)</p> <p>✦ In week 19 forty six samples were received with none of them testing positive for any of the influenza subtypes</p> <p>✦ In week 20, forty three samples were received, two tested positive for Influenza A(H3) and two for Influenza A(H5)</p>

For comments please contact:

Head, Division of Disease Surveillance and Response
Ministry of Public Health and Sanitation
P.O. Box 20781 - 00202
Nairobi
Info@ddsr.or.ke

Editorial Team: Dr. I. Njeru, Dr. D. Langat, Dr. P. Muthoka, Dr. O. Shikanga, Dr. L. Makayotto, C. Njuguna, J. Njau, J. Njoroge, H. Limo, Z. Irura, M. Badel, C. Maina, R. Kalani, D. Mwangi, A. Muange, J. Ayaga, P. Njiru and F. Akinyi

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Summary of Weekly Integrated Disease Surveillance and Response Report for week 20

Province	District	Reports Expected	Reports Received	%RR	Malaria	Malaria Indicators			Cholera	Typhoid	Dysentery	Measles	MM	Plague	Yellow Fever	Other VHF's	Other *	AFP	NNT
						Tested	Positive	Positivity rate											
Central																			
	Gatundu	42	39	92	195	195	1	5.5	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu East	36	36	100	460	777	43	23.5	0	114	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kiambu West	44	41	93	213	353	83	0.8	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Kirinyaga Central	21	18	85	58	246	2	0.0	0	3	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga North	49	40	81	257	64	0	5.8	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muranga South	51	39	76	313	601	35	0.5	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua North	42	39	92	195	195	1	1.7	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyandarua South	30	29	96	24	115	2	1.3	0	16	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri North	70	70	100	2	152	2	0.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyeri South	54	36	66	86	86	0	1.2	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Thika	62	51	82	596	429	5	25.2	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kikuyu	28	25	89	135	234	59	24.9	0	28	14	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ruiru	62	41	66	339	696	173	0.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga West	22	17	77	165	165	0	2.1	0	0	4	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kirinyaga East	23	23	100	252	437	9	1.7	0	252	2	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwea East	21	14	66	7	424	7	0.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwea West	11	11	100	192	405	0	0.0	0	0	55	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Coast																			
	Kaloleni	20	19	95	719	340	140	16.3	0	5	73	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilifi	43	43	100	1065	676	110	33.1	0	0	101	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kilindini	40	40	100	1324	1635	542	61.5	0	16	21	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Kinango	23	23	100	965	395	243	27.0	0	0	28	6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwale	24	24	100	1045	738	199	3.4	0	0	3	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lamu	34	34	100	617	290	10	7.2	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Malindi	47	47	100	693	693	50	16.4	0	0	50	13	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mombasa	35	35	100	766	2554	420	35.5	0	7	5	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Msambweni	21	18	85	39	1067	379	17.6	0	0	11	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taita	56	56	100	553	1287	226	9.2	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana Delta	17	17	100	458	174	16	16.0	0	0	12	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tana River	15	15	100	395	125	20	10.8	0	7	13	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Taveta	14	14	100	370	380	41	0.0	0	6	7	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Eastern																			
	Chalbi	11	10	90	81	0	0	11.4	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu West	19	16	84	1456	1244	142	22.9	0	0	0	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garbatula	14	11	78	269	70	16	35.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe South	34	26	76	1309	851	298	42.8	0	0	0	32	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru Central	22	22	100	919	1614	691	26.2	0	24	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti North	27	27	100	1248	1791	470	52.6	0	11	0	6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Imenti South	64	64	100	2999	3196	1681	24.0	0	89	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isiolo	20	16	80	394	434	104	7.2	0	10	1	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kangundo	11	11	100	318	194	14	7.9	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kibwezi	31	30	96	1018	483	38	43.1	0	26	13	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kitui	75	75	100	2350	1206	520	35.1	0	18	3	1	1(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Kyuso	22	18	81	496	191	67	41.3	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laisamis	9	8	88	42	63	26	49.2	0	11	1	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Maara	31	31	100	1677	951	468	8.0	0	29	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Machakos	33	10	30	111	251	20	0.0	0	1	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makueni	DNR	DNR	0	DNR	DNR	DNR	9.1	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR	DNR
	Marsabit	10	10	100	264	254	23	38.9	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere North	12	12	100	704	453	176	10.7	0	36	14	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Mbooni West	13	13	100	334	187	20	28.6	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Meru South	27	24	88	1258	991	283	2.1	0	27	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Moyale	18	16	88	262	48	1	0.0	0	14	12	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutomo	35	27	77	541	0	0	8.1	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwala	32	32	100	918	396	32	20.1	0	45	13	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mwingi	45	38	84	572	394	79	29.1	0	15	20	6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nzaui	23	23	100	610	268	78	6.4	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tharaka	22	13	59	1244	1040	67	26.7	0	79	48	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania West	20	18	90	1175	307	82	22.0	0	19	9	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Yatta	24	22	91	671	505	111	59.0	0	24	9	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu East	30	26	86	1674	1477	871	16.4	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Athi River	26	18	69	748	823	135	61.5	0	49	2	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Igembe North	25	24	96	1342	862	530	19.8	0	0	0	17	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masinga	30	26	86	808	329	65	16.9	0	24	1	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Embu North	14	14	100	662	349	59	22.1	0	76	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbeere South	25	24	96	572	517	114	10.1	0	0	10	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mukaa	16	16	100	367	286	29	11.1	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mbooni East	13	12	92	565	171	19	19.7	0	0	40	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buuri	12	12	100	355	610	120	89.4	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tigania East	18	18	100	1011	416	372	58.5	0	0	4	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mutitu	14	12	85	314	188	110	0.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tseikuru	6	6	100	150	0	0	35.0	0	4	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lower Yatta	12	11	91	501	220	77	0.0	0	0	2	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungulu	25	25	100	608	63	0	0.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Nairobi																			
	Embakasi	66	44	66	900	427	117	39.5	0	54	2	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kamukunji	27	21	77	76	38	15	32.7	0	96	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Westlands	18	14	77	103	150	49	17.0	0	0	37	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Njiru	30	20	66	33	194	33	0.9	0	1	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Makadara	27	6	22	151	108	1	16.5	0	0	1	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kasarani	50	37	74	644	823	136	5.6	0	180	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Starehe	23	18	78	49	72	4	24.0	0	87	29	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Dagoreti	34	29	85	296	204	49	31.9	0	26	31	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Langata	36	27	75	202	408	130	0.0	0	0	58	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

North Eastern

	Fafi	11	9	81	34	63	2	14.0	0	0	3	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Garissa	14	13	92	301	536	75	2.1	0	99	6	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ijara	12	10	83	236	284	6	0.0	0	6	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lagdera	11	11	100	25	49	0	1.6	0	0	3	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera Central	7	6	85	119	61	1	20.4	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera East	8	6	75	184	186	38	18.8	0	36	81	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera West	10	10	100	213	48	9	34.8	0	1	0	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir East	15	15	100	264	264	92	11.1	0	0	0	4	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir North	6	5	83	152	63	7	1.4	0	6	5	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir South	12	11	91	66	69	1	21.1	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wajir West	12	10	83	208	95	20	0.0	0	2	2	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mandera North	5	5	100	52	4	0	0.0	0	1	0	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Nyanza

	Bondo	26	26	100	1589	660	235	0.0	0	39	17	1	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Borabu	27	23	85	651	196	0	57.0	0	2	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gucha	20	20	100	757	286	163	15.2	0	7	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	South Gucha	19	19	100	727	191	29	28.3	0	1	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Homa Bay	28	28	100	1331	743	210	3.3	0	17	3	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii Central	34	34	100	1361	718	24	14.9	0	38	6	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisii South	16	16	100	584	281	42	39.6	0	7	32	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kisumu East	54	54	100	4025	1647	653	38.4	0	21	5	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Kisumu West	26	26	100	1458	863	331	41.7	0	11	8	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria East	16	16	100	501	12	5	23.1	0	9	2	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuria West	24	24	100	1003	255	59	7.8	0	3	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Manga	18	18	100	69	64	5	4.3	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Masaba North	18	17	94	386	164	7	27.3	0	58	0	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Migori	26	26	100	726	289	79	1.1	0	11	5	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira	28	28	100	902	263	3	53.0	0	3	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyando	14	14	100	804	270	143	16.2	0	52	3	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo South	35	35	100	2217	853	138	30.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rarieda	23	23	100	1116	808	242	30.7	0	26	6	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongo	26	26	100	1397	799	245	35.1	0	55	8	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Siaya	31	30	96	2324	342	120	32.5	0	13	22	20	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)
	Mbita	27	24	88	735	412	134	19.0	0	2	36	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyatike	28	28	100	1609	521	99	28.6	0	8	18	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ndhiwa	26	26	100	808	734	210	14.2	0	2	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamache	13	13	100	453	204	29	75.3	0	34	28	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Ugenya	27	24	88	1586	720	542	49.2	0	95	24	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Uriri	15	15	100	637	240	118	50.7	0	16	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Gem	31	30	96	2415	1643	833	12.7	0	45	12	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kenyena	13	13	100	336	142	18	27.9	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Suba	20	19	95	577	229	64	5.3	0	18	5	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marani	9	9	100	417	190	10	48.4	0	15	1	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rachuonyo North	26	25	96	1182	223	108	5.5	0	27	20	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyamira North	29	27	93	464	109	6	25.5	0	1	1	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	NYAKACH	16	13	81	712	337	86	6.9	0	6	3	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Masaba South	16	16	100	464	318	22	29.0	0	1	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Muhoroni	22	22	100	1152	594	172	0.0	0	6	5	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

Rift Valley

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	Baringo	31	28	90	560	176	97	30.2	0	14	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Baringo North	37	27	72	362	43	13	10.7	0	10	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bomet	23	23	100	626	262	28	5.9	0	84	0	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Buret	27	24	88	1118	725	43	0.0	0	1	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	East Pokot	18	1	5	57	0	0	36.9	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret East	40	38	95	955	298	110	59.7	0	86	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Eldoret West	40	38	95	1520	663	396	16.3	0	51	8	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado	30	24	80	431	257	42	25.9	0	36	6	5	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo	19	19	100	407	166	43	15.7	0	20	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kericho East	16	14	87	233	235	37	10.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kipkelion	41	40	97	746	140	14	22.3	0	45	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Koibatek	41	41	100	667	233	52	53.2	0	3	5	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kwanza	19	19	100	853	355	189	0.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia East	14	12	85	129	41	0	0.0	0	30	0	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia North	9	8	88	98	0	0	24.4	0	0	4	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Laikipia West	23	18	78	269	172	42	0.0	0	38	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Loitokitok	25	21	84	358	0	0	11.1	0	20	40	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet West	33	29	87	329	18	2	0.0	0	28	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Molo	9	8	88	254	0	0	36.6	0	7	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Naivasha	39	39	100	1230	686	251	5.0	0	45	8	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru Central	21	19	90	348	621	31	36.6	0	108	0	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nakuru North	32	30	93	428	377	138	3.8	0	104	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi Central	32	19	59	581	159	6	25.4	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi East	32	27	84	712	299	76	14.3	0	22	19	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nandi North	24	21	87	640	314	45	29.6	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Nandi South	24	21	87	1289	169	50	23.0	0	5	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok North	32	32	100	373	330	76	21.6	0	17	0	6	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Narok South	30	29	96	471	139	30	11.4	0	33	3	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot Central	20	20	100	463	158	18	33.0	0	46	0	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Pokot North	15	10	66	357	339	112	0.0	0	16	4	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu Central	26	19	73	277	0	0	0.0	0	23	11	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu East	13	11	84	127	0	0	0.0	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samburu North	14	10	71	216	0	0	9.9	0	0	12	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sotik	32	32	100	868	181	18	25.3	0	3	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Tinderet	10	10	100	222	154	39	3.0	0	13	2	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Mara	50	36	72	557	371	11	39.6	0	12	1	10	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia East	24	24	100	608	573	227	31.2	0	119	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Trans Nzoia West	25	25	100	1604	759	237	47.4	0	9	15	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana Central	50	36	72	1345	700	332	23.5	0	20	1	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana North	27	20	74	707	766	180	52.2	0	4	3	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Turkana South	21	17	80	691	115	60	27.6	0	0	0	7	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Wareng	40	39	97	825	945	261	17.2	0	81	0	1	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	West Pokot	30	30	100	977	460	79	4.5	0	60	1	2	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Belgut	19	15	78	380	157	7	50.5	0	12	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kuresoi	32	30	93	687	430	217	0.0	0	177	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Njoro	25	12	48	254	0	0	8.4	0	7	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marigat	17	17	100	357	83	7	30.4	0	17	8	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Marakwet East	28	21	75	243	46	14	15.3	0	10	12	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Konoin	22	22	100	422	98	15	8.3	0	2	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)

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	Chepalungu	21	21	100	749	169	14	11.9	0	3	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Isinya	17	17	100	557	135	16	12.8	0	71	2	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kajiado North	33	28	84	511	787	101	47.2	0	137	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Keiyo South	30	29	96	612	72	34	17.0	0	34	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Nyahururu	12	12	100	249	153	26	84.3	0	12	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Subukia	14	14	100	299	115	97	57.4	0	36	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Rongai	19	18	94	516	155	89	0.0	0	17	0	3	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
Western																			
	Bungoma East	13	13	100	932	1024	812	61.5	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma North	15	15	100	653	291	179	49.3	0	41	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma South	21	21	100	2182	1103	544	40.6	0	91	11	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma West	9	9	100	819	678	275	48.5	0	27	2	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bunyala	7	7	100	937	241	117	51.6	0	0	15	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Busia	19	19	100	2196	1210	624	50.8	0	63	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butere	10	10	100	1304	732	372	61.8	0	47	11	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Emuhaya	23	23	100	1589	262	162	27.9	0	65	7	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Hamisi	18	18	100	1113	516	144	36.9	0	37	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega Central	28	28	100	3492	2372	876	19.8	0	89	6	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega East	14	14	100	965	645	128	76.1	0	10	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega North	20	20	100	1117	468	356	35.7	0	35	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kakamega South	11	11	100	1115	695	248	15.0	0	49	9	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lugari	14	14	100	812	120	18	26.8	0	20	7	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mt. Elgon	17	17	100	858	650	174	48.4	0	48	39	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Mumias	18	18	100	2001	1137	550	48.0	0	73	3	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Samia	11	11	100	432	102	49	0.0	0	5	6	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso North	11	11	100	1475	0	0	47.7	0	21	8	0	0(0)	0(0)	0(0)	0(0)	0(0)	1(0)	0(0)

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	Vihiga	10	10	100	1160	770	367	60.9	0	0	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matungu	11	11	100	1378	565	344	53.6	0	61	13	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Teso South	10	10	100	1583	541	290	15.7	0	88	30	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Lukuyani	10	10	100	666	318	50	37.2	0	68	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Matete	6	6	100	372	129	48	35.3	0	2	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Sabatia	12	12	100	1040	377	133	68.4	0	73	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Butula	13	13	100	1113	604	413	68.8	0	94	2	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Khwisero	14	14	100	768	298	205	46.4	0	7	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Bungoma Central	14	14	100	581	453	210	8.9	0	29	0	0	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)	0(0)
	Kimilili Bungoma	9	9	100	396	572	51	#REF!	0	47	8	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
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Week 19 summary	0 (0)	1,471 (0)	151,971 (7)	91,759	28,556	173 (0)	1 (0)	5,267 (0)	0 (0)	7 (0)	0 (0)	0 (0)	0 (0)
Years cumulative summary	0 (0)	22,156 (5)	2,806,414 (203)	1,579,773	480,990	2809 (8)	63 (3)	97,473 (11)	1 (0)	48 (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