



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

**WEEKLY EPIDEMIOLOGICAL BULLETIN**

**Week 43**

**Week ending 31<sup>st</sup> October 2010**

Provincial & national surveillance indicators for week 43

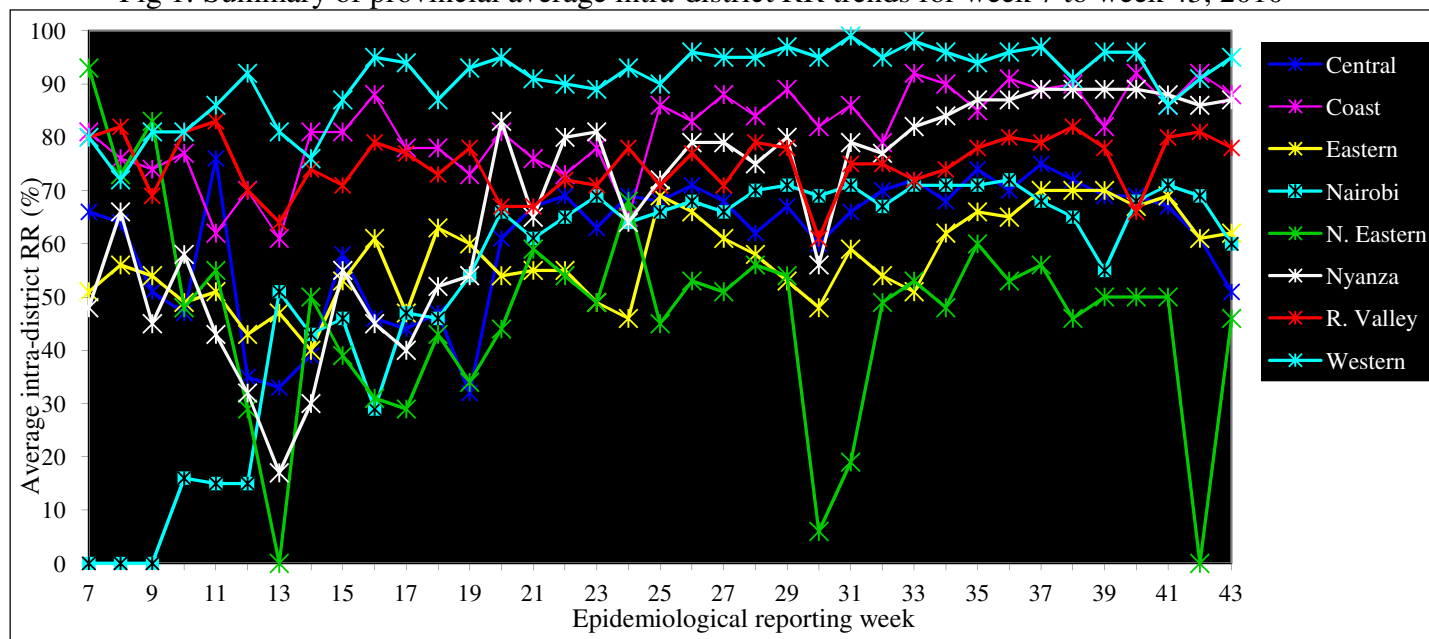
| Province        | No. of Districts | Reporting on time | Complete reports | Intra-district facility RR (%) | Timeliness (%) | Completeness of reports (%) | Weighted aggregate score (%) |
|-----------------|------------------|-------------------|------------------|--------------------------------|----------------|-----------------------------|------------------------------|
| Central         | 11               | 9                 | 9                | 51                             | 82             | 100                         | 75                           |
| Coast           | 13               | 13                | 13               | 88                             | 100            | 100                         | 96                           |
| Eastern         | 28               | 24                | 24               | 62                             | 86             | 100                         | 80                           |
| Nairobi         | 3                | 2                 | 2                | 60                             | 67             | 100                         | 70                           |
| N. Eastern      | 11               | 11                | 11               | 46                             | 100            | 100                         | 82                           |
| Nyanza          | 21               | 21                | 21               | 87                             | 100            | 100                         | 96                           |
| R. Valley       | 43               | 41                | 41               | 78                             | 95             | 100                         | 90                           |
| Western         | 19               | 19                | 19               | 95                             | 100            | 100                         | 98                           |
| <b>National</b> | <b>149</b>       | <b>140</b>        | <b>140</b>       | <b>74</b>                      | <b>94</b>      | <b>100</b>                  | <b>88</b>                    |

✦ All the districts in North Eastern Province reported – contrast to last week

✦ The national average district reporting rate rose to 94%

✦ The national weighted aggregate score also improved to 88%

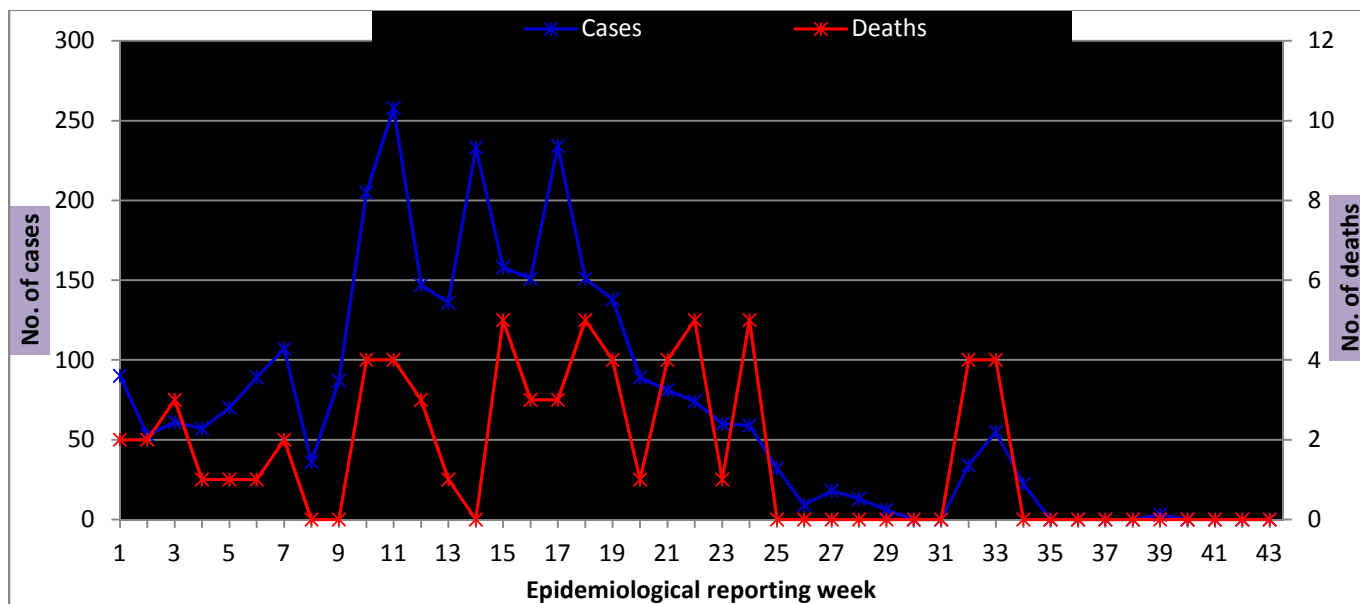
Fig 1: Summary of provincial average intra-district RR trends for week 7 to week 43, 2010



**Reports not received from the following 9 Districts**

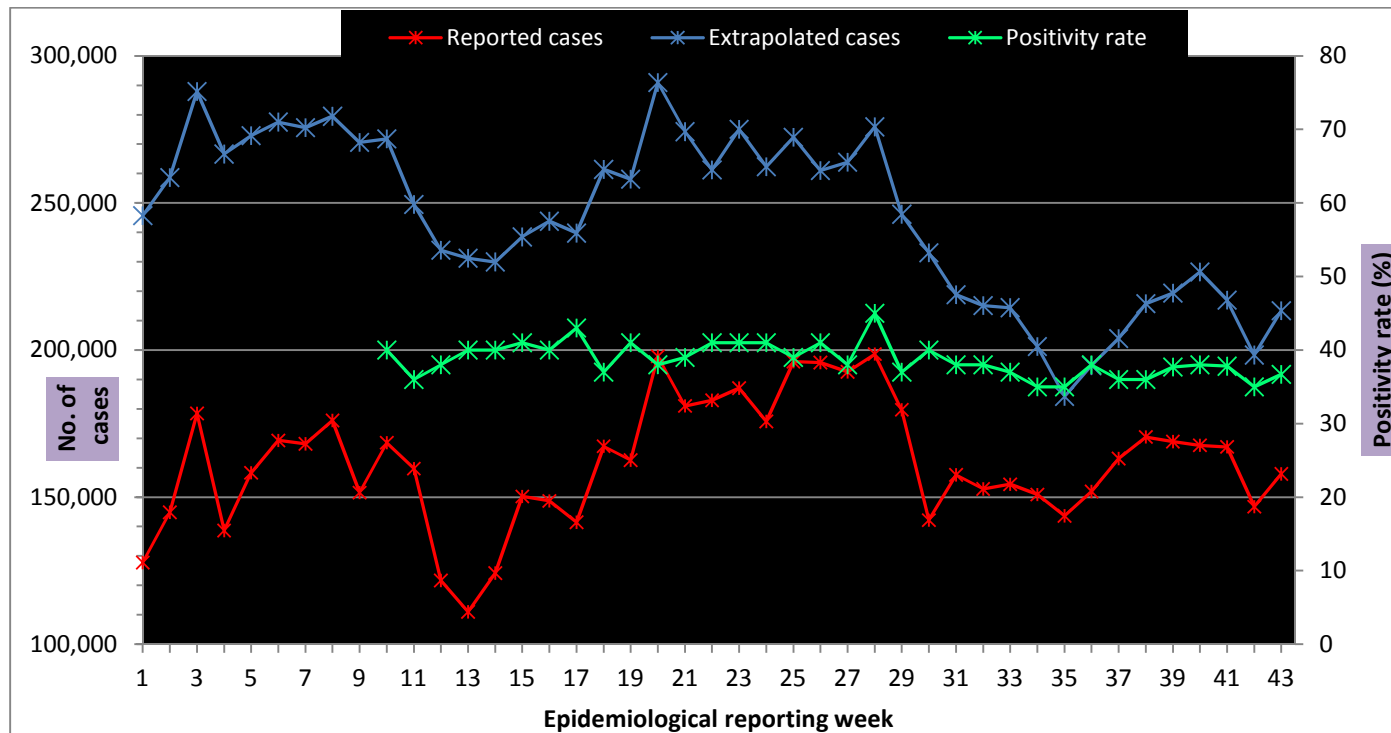
**Nyeri South, Thika, Embu, Imenti South, Moyale, Mwingi, Nairobi East, Laikipia North and Turkana North**

Fig. 2: Cholera\*\* cases and deaths from week 1 to week 43



\*\* Derived from daily updates (line-lists and active DDSR inquiry). A national DDSR officer calls districts in cholera outbreak every morning to get updates. Therefore figures might not be same as those from routine weekly data reports

Fig. 3: Malaria cases (reported\* and extrapolated\*\*) and positivity rate, week 1 to week 43



\* 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

## Highlights for the week

|  | Disease specific reports  |
|--|---|
| <p>⊕ Nationally:</p> <ul style="list-style-type: none"> <li>• The surveillance weighted aggregate score rose from 86% in week 42 to 88%</li> <li>• The number of districts that submitted reports on time rose from 132 (89%) to 140 (94%)</li> <li>• The intra-district average reporting rate remained at 74%</li> </ul> | <p><b>Cholera</b></p> <p>⊕ Zero cholera cases were reported</p>   |
| <p>⊕ Best performing provinces in week 43:</p> <ul style="list-style-type: none"> <li>• All districts in Coast, North Eastern, Nyanza and Western provinces reported during the week</li> </ul>  | <p><b>Measles</b></p> <p>⊕ 68 suspected cases (same as week 42) were reported with no death</p>   |
| <ul style="list-style-type: none"> <li>• Intra-district facility reporting rate: Western (95%) province had the highest rate while North Eastern (46%) reported the lowest rate</li> </ul>   | <p>⊕ The cases were reported from: Mt. Elgon (28), Nakuru North (12), Laikipia East (11), Taita (9), Samia (2), Kiambu East (1), Meru South (1), Bondo (1), Loitokitok (1), Naivasha (1) and West Pokot (1) districts</p> |
| <ul style="list-style-type: none"> <li>• Weighted Aggregate Score: Western (98%), Coast (96%), Nyanza (96%) and Rift Valley (90%) provinces had the highest score while Nairobi (70%) and Central (75%) provinces had the lowest score</li> </ul>  | <p>⊕ The lab surveillance system investigated 49 case specimen from 24 districts</p>  |
| <p>⊕ Most improved provinces in week 43:</p> <ul style="list-style-type: none"> <li>• Intra-district facility RR: North Eastern province (0% to 46%) which had not reported in week 42 improved the most while Central (61% to 51%) province declined the most</li> </ul>  | <p>⊕ One specimen from Lagdera tested positive for measles IgM</p>  |
| <ul style="list-style-type: none"> <li>• District reporting rate: North Eastern province (0% to 100%) improved the most while Nairobi (100% to 67%) province declined the most</li> </ul>  | <p>⊕ Twenty two (45%) specimen tested positive for rubella</p>  |
| <p>⊕ Stability: All provinces, except Nyanza have demonstrated fluctuations though North Eastern remains the most unstable province</p>  | <p><b>Malaria</b></p> <p>⊕ Reported cases rose from 146,753 in week 42 to 157,879 in week 43</p>  |
| <p>⊕ Thirty nine (26%) districts [up from 38 (26%) districts in week 42] attained 100% intra-district reporting rate</p>   | <p>⊕ Mortality however declined from 23 cases to 21 cases</p>   |
|  | <p>⊕ Overall, 65,035 (41%) cases were laboratory tested, yielding a positivity rate of 36.7%</p>  |
|  | <p><b>Dysentery</b></p> <p>⊕ Reported cases fell from 1,453 in week 42 to 1,256 with no death</p>   |
|  | <p><b>Typhoid fever</b></p> <p>⊕ Reported cases declined from 4,234 cases in week 42 to 4,409 with one death from Baringo district</p>  |
|  | <p><b>AFP</b></p> <p>⊕ One case was reported from Tharaka district with no death</p>  |
|  | <p><b>Meningococcal Meningitis</b></p> <p>⊕ Five cases were reported from Siaya district with no death</p>  |
|  | <p><b>NNT</b></p> <p>⊕ Zero cases were reported in the week</p>   |
|  | <p><b>Influenza (Walter Reed Influenza Surveillance)</b></p> <p>⊕ 43 specimen were processed by the National Influenza Centre</p>   |
|  | <p>⊕ Two (0.05%) tested positive for Pandemic A(H1N1)</p>   |
|  | <p>⊕ Another two (0.05%) tested positive for influenza A (H3)</p>   |
|  | <p>⊕ One (0.02%) tested positive for Influenza B</p>  |
|  | <p>⊕ None tested positive for Influenza A (H1) and A (H5)</p>   |

For comments please contact:

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## Summary of Weekly Integrated Disease Surveillance and Response Report for week 43

[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            | 4                | 50   | 0(0)    | 0(0)      | 99(0)   | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Garissa         | 23               | 26   | 0(0)    | 0(0)      | 377(0)  | 270            | 217              | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Ijara           | 9                | 22   | 0(0)    | 0(0)      | 120(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Lagdera         | 13               | 69   | 0(0)    | 4(0)      | 243(0)  | 130            | 9                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Mandera Central | 9                | 67   | 0(0)    | 0(0)      | 300(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Mandera East    | 8                | 50   | 0(0)    | 0(0)      | 241(0)  | 0              | 0                | 0(0)    | 0(0) | 6(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Mandera West    | 8                | 75   | 0(0)    | 0(0)      | 464(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Wajir West      | 8                | 38   | 0(0)    | 0(0)      | 112(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Wajir East      | 9                | 44   | 0(0)    | 0(0)      | 247(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Wajir North     | 8                | 50   | 0(0)    | 0(0)      | 168(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Wajir South     | 9                | 44   | 0(0)    | 0(0)      | 271(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
| Nyanza        |                 |                  |      |         |           |         |                |                  |         |      |         |      |      |      |        |              |
|               | Bondo           | 26               | 100  | 0(0)    | 0(0)      | 2070(1) | 493            | 209              | 1(0)    | 0(0) | 57(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Borabu          | 27               | 85   | 0(0)    | 3(0)      | 1244(0) | 192            | 15               | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Gucha           | 35               | 100  | 0(0)    | 0(0)      | 2082(0) | 518            | 134              | 0(0)    | 0(0) | 21(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Homa Bay        | 42               | 90   | 0(0)    | 0(0)      | 1181(0) | 815            | 203              | 0(0)    | 0(0) | 6(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Kisii Central   | 44               | 89   | 0(0)    | 9(0)      | 2559(0) | 1181           | 71               | 0(0)    | 0(0) | 10(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Kisii South     | 11               | 100  | 0(0)    | 12(0)     | 576(0)  | 305            | 63               | 0(0)    | 0(0) | 6(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Kisumu East     | 54               | 89   | 0(0)    | 0(0)      | 4910(0) | 1744           | 839              | 0(0)    | 0(0) | 18(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Kisumu West     | 22               | 100  | 0(0)    | 18(0)     | 4322(4) | 2160           | 1268             | 0(0)    | 0(0) | 24(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Kuria East      | 13               | 77   | 0(0)    | 7(0)      | 314(0)  | 16             | 8                | 0(0)    | 0(0) | 4(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Kuria West      | 24               | 96   | 0(0)    | 1(0)      | 743(0)  | 50             | 13               | 0(0)    | 0(0) | 2(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Manga           | 16               | 100  | 0(0)    | 0(0)      | 279(0)  | 249            | 58               | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Masaba          | 32               | 94   | 0(0)    | 0(0)      | 953(0)  | 400            | 35               | 0(0)    | 0(0) | 93(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Migori          | 52               | 96   | 0(0)    | 0(0)      | 2226(0) | 712            | 431              | 0(0)    | 0(0) | 38(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Nyamira         | 48               | 94   | 0(0)    | 0(0)      | 1244(1) | 437            | 39               | 0(0)    | 0(0) | 10(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Nyando          | 42               | 74   | 0(0)    | 0(0)      | 1750(0) | 666            | 469              | 0(0)    | 0(0) | 7(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Rachuonyo       | 56               | 57   | 0(0)    | 23(0)     | 2150(0) | 654            | 449              | 0(0)    | 0(0) | 32(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Rarienda        | 22               | 100  | 0(0)    | 11(0)     | 1733(1) | 701            | 411              | 0(0)    | 0(0) | 63(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|               | Rongo           | 32               | 100  | 0(0)    | 17(0)     | 1514(0) | 453            | 258              | 0(0)    | 0(0) | 40(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               | 68   | 0(0)    | 36(0)     | 4230(0) | 458            | 260              | 0(0)    | 5(0) | 177(0)  | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | South Gucha    | 19               | 79   | 0(0)    | 1(0)      | 754(0)  | 218            | 13               | 0(0)    | 0(0) | 4(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Suba           | 41               | 100  | 0(0)    | 54(0)     | 1607(1) | 278            | 90               | 0(0)    | 0(0) | 11(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
| Rift Valley |                |                  |      |         |           |         |                |                  |         |      |         |      |      |      |        |              |
|             | Baringo        | 50               | 68   | 0(0)    | 0(0)      | 784(0)  | 270            | 58               | 0(0)    | 0(0) | 4(1)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Baringo North  | 36               | 67   | 0(0)    | 5(0)      | 777(0)  | 0              | 0                | 0(0)    | 0(0) | 4(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Bomet          | 38               | 95   | 0(0)    | 0(0)      | 1915(0) | 503            | 63               | 0(0)    | 0(0) | 8(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Bureti         | 32               | 91   | 0(0)    | 0(0)      | 2129(0) | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | East Pokot     | 9                | 56   | 0(0)    | 0(0)      | 381(0)  | 0              | 0                | 0(0)    | 0(0) | 3(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Eldoret East   | 36               | 100  | 0(0)    | 0(0)      | 1473(0) | 690            | 222              | 0(0)    | 0(0) | 92(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Eldoret West   | 40               | 68   | 0(0)    | 3(0)      | 567(0)  | 207            | 48               | 0(0)    | 0(0) | 25(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Kajiado        | 35               | 83   | 0(0)    | 40(0)     | 956(0)  | 194            | 83               | 0(0)    | 0(0) | 55(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Keiyo          | 45               | 80   | 0(0)    | 2(0)      | 882(0)  | 234            | 73               | 0(0)    | 0(0) | 28(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Kericho        | 30               | 90   | 0(0)    | 0(0)      | 1033(0) | 236            | 24               | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Kipkelion      | 32               | 88   | 0(0)    | 0(0)      | 480(0)  | 0              | 0                | 0(0)    | 0(0) | 5(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Koibatek       | 32               | 94   | 0(0)    | 0(0)      | 1202(0) | 386            | 79               | 0(0)    | 0(0) | 7(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Kwanza         | 17               | 65   | 0(0)    | 0(0)      | 701(0)  | 269            | 113              | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Laikipia East  | 14               | 86   | 0(0)    | 2(0)      | 243(0)  | 0              | 0                | 11(0)   | 0(0) | 12(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Laikipia North | 8                | 0    | DNR     | DNR       | DNR     | 0              | 0                | DNR     | DNR  | DNR     | DNR  | DNR  | DNR  | DNR    | DNR          |
|             | Laikipia West  | 25               | 88   | 0(0)    | 0(0)      | 841(0)  | 0              | 0                | 0(0)    | 0(0) | 23(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Loitokitok     | 23               | 65   | 0(0)    | 79(0)     | 670(0)  | 0              | 0                | 1(0)    | 0(0) | 123(0)  | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Marakwet       | 58               | 78   | 0(0)    | 10(0)     | 698(0)  | 192            | 143              | 0(0)    | 0(0) | 29(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Molo           | 34               | 91   | 0(0)    | 0(0)      | 486(0)  | 0              | 0                | 0(0)    | 0(0) | 22(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Naivasha       | 35               | 89   | 0(0)    | 11(0)     | 1505(0) | 711            | 268              | 1(0)    | 0(0) | 96(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Nakuru         | 45               | 93   | 0(0)    | 0(0)      | 456(3)  | 696            | 49               | 0(0)    | 0(0) | 94(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Nakuru North   | 33               | 94   | 0(0)    | 0(0)      | 963(0)  | 285            | 171              | 12(0)   | 0(0) | 93(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Nandi Central  | 22               | 27   | 0(0)    | 0(0)      | 342(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Nandi East     | 32               | 69   | 0(0)    | 20(0)     | 755(0)  | 310            | 59               | 0(0)    | 0(0) | 7(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Nandi North    | 20               | 85   | 0(0)    | 0(0)      | 1119(0) | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Nandi South    | 18               | 83   | 0(0)    | 0(0)      | 970(0)  | 38             | 28               | 0(0)    | 0(0) | 24(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|             | Narok North    | 29               | 100  | 0(0)    | 0(0)      | 565(0)  | 291            | 55               | 0(0)    | 0(0) | 24(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               | 67   | 0(0)    | 12(0)     | 408(0)  | 227            | 53               | 0(0)    | 0(0) | 63(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | North Pokot                | 12               | 75   | 0(0)    | 1(0)      | 785(0)  | 604            | 243              | 0(0)    | 0(0) | 23(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Pokot Central              | 18               | 89   | 0(0)    | 0(0)      | 963(0)  | 242            | 94               | 0(0)    | 0(0) | 19(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Samburu                    | 19               | 53   | 0(0)    | 11(0)     | 409(0)  | 0              | 0                | 0(0)    | 0(0) | 6(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Samburu East               | 15               | 33   | 0(0)    | 0(0)      | 233(0)  | 0              | 0                | 0(0)    | 0(0) | 5(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Samburu North              | 9                | 22   | 0(0)    | 4(0)      | 124(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Sotik                      | 29               | 100  | 0(0)    | 5(0)      | 1495(0) | 396            | 75               | 0(0)    | 0(0) | 10(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Tinderet                   | 10               | 90   | 0(0)    | 0(0)      | 329(0)  | 198            | 22               | 0(0)    | 0(0) | 25(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Trans Nzoia East           | 20               | 100  | 0(0)    | 0(0)      | 1030(0) | 945            | 352              | 0(0)    | 0(0) | 158(0)  | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Trans Nzoia West           | 22               | 100  | 0(0)    | 13(0)     | 1524(0) | 643            | 217              | 0(0)    | 0(0) | 7(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Transmara                  | 48               | 85   | 0(0)    | 0(0)      | 1997(0) | 319            | 19               | 0(0)    | 0(0) | 35(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Turkana Central            | 33               | 76   | 0(0)    | 27(0)     | 2331(0) | 610            | 306              | 0(0)    | 0(0) | 33(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Turkana North              | 30               | 0    | DNR     | DNR       | DNR     | 0              | 0                | DNR     | DNR  | DNR     | DNR  | DNR  | DNR  | DNR    | DNR          |
|          | Turkana South              | 18               | 11   | 0(0)    | 0(0)      | 133(0)  | 0              | 0                | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Wareng                     | 38               | 100  | 0(0)    | 0(0)      | 1056(0) | 699            | 211              | 0(0)    | 0(0) | 25(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | West Pokot                 | 24               | 100  | 0(0)    | 1(0)      | 1636(0) | 603            | 62               | 1(0)    | 0(0) | 112(0)  | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
| Western  |                            |                  |      |         |           |         |                |                  |         |      |         |      |      |      |        |              |
|          | Bunyala                    | 7                | 100  | 0(0)    | 3(0)      | 557(0)  | 104            | 44               | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Busia                      | 31               | 81   | 0(0)    | 57(0)     | 4129(0) | 1769           | 1225             | 0(0)    | 0(0) | 302(0)  | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Butere                     | 18               | 100  | 0(0)    | 24(0)     | 2638(1) | 547            | 318              | 0(0)    | 0(0) | 51(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | East Bungoma               | 13               | 100  | 0(0)    | 0(0)      | 1466(2) | 2249           | 888              | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Emuhaya                    | 22               | 100  | 0(0)    | 1(0)      | 1197(0) | 311            | 201              | 0(0)    | 0(0) | 65(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Hamisi                     | 13               | 92   | 0(0)    | 5(0)      | 796(0)  | 379            | 201              | 0(0)    | 0(0) | 25(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Kakamega Central (Lurambi) | 29               | 100  | 0(0)    | 0(0)      | 3605(0) | 1758           | 606              | 0(0)    | 0(0) | 122(0)  | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Kakamega East (Shinyalu)   | 14               | 100  | 0(0)    | 0(0)      | 905(0)  | 480            | 141              | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Kakamega North (Malava)    | 18               | 100  | 0(0)    | 0(0)      | 1076(0) | 562            | 455              | 0(0)    | 0(0) | 50(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Kakamega South (Ikolomani) | 11               | 100  | 0(0)    | 0(0)      | 1090(0) | 315            | 148              | 0(0)    | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Lugari                     | 24               | 96   | 0(0)    | 7(0)      | 2364(0) | 258            | 63               | 0(0)    | 0(0) | 65(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Mt Elgon                   | 16               | 100  | 0(0)    | 26(0)     | 1142(0) | 0              | 0                | 28(0)   | 0(0) | 0(0)    | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Mumias                     | 26               | 100  | 0(0)    | 28(0)     | 2935(0) | 2168           | 1093             | 0(0)    | 0(0) | 52(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | North Bungoma              | 18               | 56   | 0(0)    | 34(0)     | 1512(0) | 771            | 585              | 0(0)    | 0(0) | 90(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         | 9                | 100  | 0(0)    | 0(0)      | 877(0)  | 119            | 58               | 2(0)    | 0(0) | 24(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | South Bungoma | 22               | 100  | 0(0)    | 0(0)      | 3852(0) | 1173           | 592              | 0(0)    | 0(0) | 119(0)  | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Teso          | 21               | 100  | 0(0)    | 19(0)     | 3242(0) | 714            | 328              | 0(0)    | 0(0) | 50(0)   | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | Vihiga        | 21               | 100  | 0(0)    | 0(0)      | 2570(0) | 1215           | 489              | 0(0)    | 0(0) | 103(0)  | 0(0) | 0(0) | 0(0) | 0(0)   | 0(0)         |
|          | West Bungoma  | 20               | 85   | 0(0)    | 18(0)     | 1638(0) | 932            | 447              | 0(0)    | 0(0) | 47(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 43 summary          | 0<br>(0)      | 1,256<br>(0)   | 157,879<br>(21)      | 65,035          | 23,875            | 68<br>(0)  | 5<br>(0)    | 4,409<br>(1)    | 0<br>(0) | 1<br>(0)  | 0<br>(0) | 0<br>(0) | 0<br>(0)     |
| Years cumulative summary | 1,786<br>(27) | 52,188<br>(25) | 6,950,744<br>(1,472) | 1,901,458       | 732,798           | 917<br>(0) | 111<br>(17) | 166,095<br>(16) | 7<br>(2) | 37<br>(0) | 0<br>(0) | 0<br>(0) | 0<br>(0)     |

\* From week 10 of 2010 (Excludes week 1 up to week 9)

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