Table : Summary of weekly suspected cases notification of meningococcal meningitis at health centre level per district and season. (Weekly incidences were computed and averaged at health centre level.)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| District/Season | Incidence Estimates per 100,000 populations | | | | | |
| All years (2004 -2012) | | | Epidemic year 2006 | | |
| min | mean | max | min | mean | max |
| **HOUNDE** |  |  |  |  |  |  |
| Rainy | 0 | 0.19 | 21.32 | 0 | 0.28 | 5.03 |
| Dry Harmattan | 0 | 2.15 | 89.93 | 0 | 9.10 | 73.46 |
| Dry Hot | 0 | 7.54 | 238.45 | 0 | 46.58 | 238.45 |
|  |  |  |  |  |  |  |
| Rainy | 0 | 0.07 | 7.04 | 0 | 0.12 | 2.40 |
| Dry Harmattan | 0 | 0.91 | 33.50 | 0 | 2.05 | 16.15 |
| Dry Hot | 0 | 2.29 | 49.98 | 0 | 10.29 | 55.22 |
|  |  |  |  |  |  |  |
| **LENA** |  |  |  |  |  |  |
| Rainy | 0 | 0.51 | 25.33 | 0 | 1.77 | 14.60 |
| Dry Harmattan | 0 | 3.22 | 119.08 | 0 | 22.35 | 112.38 |
| Dry Hot | 0 | 28.22 | 991.22 | 0 | 234.39 | 991.22 |
|  |  |  |  |  |  |  |
| Rainy | 0 | 0.06 | 8.97 | 0 | 0.18 | 4.13 |
| Dry Harmattan | 0 | 1.33 | 45.44 | 0 | 2.73 | 16.95 |
| Dry Hot | 0 | 2.29 | 58.67 | 0 | 10.72 | 71.33 |
|  |  |  |  |  |  |  |
| **K.VIGUE** |  |  |  |  |  |  |
| Rainy | 0 | 0.51 | 14.13 | 0 | 1.11 | 7.18 |
| Dry Harmattan | 0 | 11.77 | 259.60 | 0 | 71.94 | 259.60 |
| Dry Hot | 0 | 11.05 | 268.08 | 0 | 72.87 | 268.08 |
|  |  |  |  |  |  |  |
| Rainy | 0 | 0.10 | 9.86 | 0 | 0.08 | 2.37 |
| Dry Harmattan | 0 | 1.70 | 38.78 | 0 | 10.25 | 46.75 |
| Dry Hot | 0 | 3.24 | 62.56 | 0 | 21.92 | 94.99 |
|  |  |  |  |  |  |  |
| **SEGUENEGA** |  |  |  |  |  |  |
| Rainy | 0 | 0.17 | 17.46 | 0 | 0.13 | 2.10 |
| Dry Harmattan | 0 | 2.20 | 71.91 | 0 | 6.19 | 53.57 |
| Dry Hot | 0 | 9.81 | 183.39 | 0 | 40.55 | 170.50 |
|  |  |  |  |  |  |  |
| Rainy | 0 | 0.20 | 12.75 | 0 | 0.39 | 4.07 |
| Dry Harmattan | 0 | 1.11 | 25.31 | 0 | 0.97 | 9.98 |
| Dry Hot | 0 | 4.32 | 57.36 | 0 | 9.54 | 38.33 |
|  |  |  |  |  |  |  |

Shaded red: health centres which experienced at least an outbreak from 2004 - 2012

Shaded blue: health centres which experienced no outbreak from 2004 - 2012

* **Durée moyenne du dépacement du seuil d'alerte des foyers épidémiques**

HOUNDE:

2.57 (2 – 4) weeks

LENA:

4.6 (2 – 7) weeks

K.VIGUE

9.5 (8 – 11) weeks “Only two health centres were in outbreak”

SEGUENEGA:

2 weeks

* **Incidences moyenne (min-max) correspondants aux dépassements du seuil épidémique au sein des formations sanitaires :**

HOUNDE:

172.36 (98.75 – 300.93) per 100,000 population

LENA:

455.21 (194.98 – 877.84) per 100,000 population

K.VIGUE:

179.01 (178.05 – 179.05) per 100,000 population

SEGUENEGA

139.06 (118.70 – 194.62) 100,000 populations

* Inter-outbreak period

**At least 6 years** on average.

Some epidemics occurred **a year apart** within the same health centre in the district of Seguenega.