



WEEKLY DENGUE UPDATE

Week 35 (26th August – 01st September 2024)

National Dengue Control Unit, Ministry of Health

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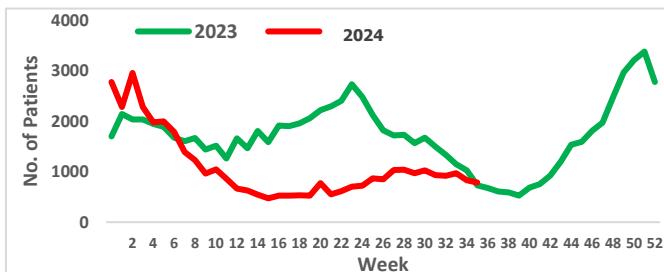
Week
35

Year: 2024 Volume: 04 Issue: 35

DENGUE CASE REPORTING

During 35th week, 784 suspected dengue cases were reported in 25 districts in comparison to 826 in 25 districts during the 34th week. There is 5.1% decrease in 35th week, compared to the previous week. Of all reported cases, 50.5% were from Western Province [Colombo Municipal Council – 8.8%, rest of the Colombo District – 19.4%, Gampaha District – 15.7% and Kalutara District – 6.6%]. Kandy [12.0%], Ratnapura [5.5%], Galle [5.4%] and Kurunegala [3.7%] districts also have reported higher number of cases (Table 1).

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2023 and 2024



Source: DenSys and NaDSys – Dengue Surveillance Systems

HIGH RISK MOH AREAS (Table 2)

During 35th week, 12 MOH areas were flagged as high-risk. Of them 6 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 8 MOH areas in both 34th and 35th weeks.

MC Kandy, Yatinuwara, MC Galle and Kelaniya newly flagged as high-risk MOH areas in the 35th week. Dehiwala, Maharagama, Moratuwa, Ratmalana, Kolonnawa, Seeduwa and Beruwala MOH areas flagged as high-risk in the 34th week, were not flagged in the current week.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

In comparison to 286 average mid night total of dengue patients in selected 74 hospitals in the 35th week, in the 34th week the average midnight total was 293. In 20 hospitals, the average midnight total has increased and in 25 hospitals it has decreased compared to the previous week.

Selected hospitals with high average midnight totals of dengue patients and changing trend of dengue admissions in the 35th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 35 and 34 of 2024

| District/ RDHS | No. of cases | | | | | |
|-------------------|--------------|------------|--------------|------------|---------------|--------------|
| | 2023 Week | | 2024 Week | | Up to Week 35 | |
| | 34 | 35 | 34 | 35 | 2023 | 2024 |
| Colombo | 160 | 127 | 283 | 221 | 13203 | 9012 |
| Gampaha | 146 | 108 | 115 | 123 | 13098 | 4169 |
| Kalutara | 68 | 42 | 55 | 52 | 4008 | 2027 |
| Kandy | 202 | 138 | 67 | 94 | 5151 | 3128 |
| Matale | 47 | 22 | 45 | 11 | 1172 | 458 |
| Nuwara Eliya | Nil | 3 | 4 | 2 | 161 | 141 |
| Galle | 75 | 62 | 29 | 42 | 2380 | 1633 |
| Hambantota | 9 | 11 | 7 | 11 | 1060 | 453 |
| Matara | 32 | 16 | 8 | 18 | 1217 | 607 |
| Jaffna | 35 | 17 | 11 | 10 | 1789 | 4068 |
| Kilinochchi | Nil | 0 | Nil | Nil | 71 | 225 |
| Mannar | Nil | 0 | 1 | 13 | 84 | 193 |
| Vavuniya | Nil | 1 | 5 | 2 | 118 | 86 |
| Mullaitivu | 1 | 2 | 1 | 3 | 122 | 131 |
| Batticaloa | 10 | 13 | 23 | 19 | 2207 | 1244 |
| Ampara | 2 | 1 | 1 | 3 | 164 | 149 |
| Trincomalee | 5 | 5 | 2 | 9 | 1939 | 543 |
| Kalmunai* | 3 | 6 | 12 | 7 | 1584 | 564 |
| Kurunegala | 38 | 27 | 23 | 29 | 2222 | 1537 |
| Puttalam | 25 | 15 | 10 | 11 | 2997 | 912 |
| Anuradhapura | 1 | 10 | 6 | 4 | 543 | 344 |
| Polonnaruwa | 6 | 3 | 3 | 8 | 465 | 242 |
| Badulla | 15 | 13 | 14 | 14 | 811 | 562 |
| Monaragala | 24 | 13 | 14 | 16 | 447 | 542 |
| Ratnapura | 59 | 33 | 59 | 43 | 2586 | 2295 |
| Kegalle | 62 | 41 | 28 | 19 | 2569 | 1463 |
| Total | 1025 | 729 | 826 | 784 | 62168 | 36728 |

Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit) and NaDSys (Dengue Surveillance, National Dengue Control Unit)

*Ampara district is divided into two Regional Directorates of Health Services (RDHS) as Ampara & Kalmunai

■ Districts reporting higher number of cases.

Table 2: High risk MOH areas (12)

| MOH Area | Cases reported | | MOH Area | Cases reported | | MOH Area | Cases reported | | MOH Area | Cases reported | |
|-------------------------|----------------|---------|--------------------------|----------------|---------|--------------------------|----------------|---------|-------------------------|----------------|---------|
| | Week 34 | Week 35 | | Week 34 | Week 35 | | Week 34 | Week 35 | | Week 34 | Week 35 |
| WESTERN PROVINCE | | | Biyagama | 15 | 16 | Panadura | 20 | 12 | Kandy RDHS | | |
| Colombo District | | | Ragama | 10 | 15 | Kandy MC | | | Kandy MC | 11 | 18 |
| CMC | 78 | 69 | Wattala | 12 | 12 | Yatinuwara | | | Yatinuwara | 5 | 11 |
| Gothatuwa | 21 | 14 | Mahara | 14 | 10 | SOUTHERN PROVINCE | | | Galle RDHS | | |
| Kaduwela | 34 | 26 | Kelaniya | 7 | 22 | MC Galle | | | MC Galle | 4 | 11 |
| Gampaha District | | | Kalutara District | | | CENTRAL PROVINCE | | | CENTRAL PROVINCE | | |

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 35

| Hospital | Average Midnight Total | | | Hospital | Average Midnight Total | | | Hospital | Average Midnight Total | | |
|---------------|------------------------|---------|--------|---------------|------------------------|---------|--------|------------------|------------------------|---------|--------|
| | Week 34 | Week 35 | Change | | Week 34 | Week 35 | Change | | Week 34 | Week 35 | Change |
| NIID | 29 | 29 | - | TH-Col-North | 15 | 10 | ↓ | BH- Kiribathgoda | 2 | 5 | ↑ |
| NHSL | 31 | 29 | ↓ | TH-Ratnapura | 16 | 9 | ↓ | BH- Nikaweratiya | 3 | 4 | ↑ |
| TH-Col-South | 29 | 25 | ↓ | TH-Peradeniya | 4 | 8 | ↑ | DGH-Kegalle | 7 | 4 | ↓ |
| NH-Kandy | 16 | 20 | ↑ | BH- Panadura | 5 | 8 | ↑ | DGH-Mannar | 2 | 4 | ↑ |
| LRH | 16 | 18 | ↑ | DGH- Matara | 8 | 8 | - | | | | |
| DGH- Negombo | 14 | 13 | ↓ | TH- Kalutara | 6 | 7 | ↑ | | | | |
| TH-Karapitiya | 8 | 12 | ↑ | BH-Kahawatta | 5 | 5 | - | | | | |

Table 4: Dengue related deaths

| | 2023 | 2024 | | 2023 | 2024 |
|-----------------|------|------|--------------------|-------|-------|
| Reported Deaths | 62 | 17 | Case Fatality Rate | 0.07% | 0.05% |

| Deaths reported in 2024 [Age & Sex] | | | | | |
|-------------------------------------|------|--------|------------------|------|--------|
| Age Group (Yrs.) | Male | Female | Age Group (Yrs.) | Male | Female |
| Less than 01 | - | - | 35 - 44 | - | 4 |
| 01 - 04 | - | 2 | 45 - 54 | - | - |
| 05 - 14 | - | - | 55 - 64 | - | 1 |
| 15 - 24 | - | 4 | 65 & above | - | 1 |
| 25 - 34 | 1 | 4 | Total | 1 | 16 |

| Deaths reported in 2024 [Districts/Admin area] [Provisional] | | | | | |
|--|----|---------------|----|---------------|----|
| District/area | No | District/area | No | District/area | No |
| Colombo [1] | 4 | Matara | 1 | Monaragala | 1 |
| Kalutara [2] | 2 | Jaffna | 1 | Ratnapura | 2 |
| Hambantota | 1 | Kilinochchi | 1 | Galle | 1 |
| Gampaha | 2 | Kandy | 1 | | |
| | | | | | |
| | | | | | |

[1] Excluding Colombo Municipal Council (CMC) area

[2] Excluding National Institute of Health Sciences (NIHS) area

