



WEEKLY DENGUE UPDATE

Week 37 (9nd – 15th September 2024)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



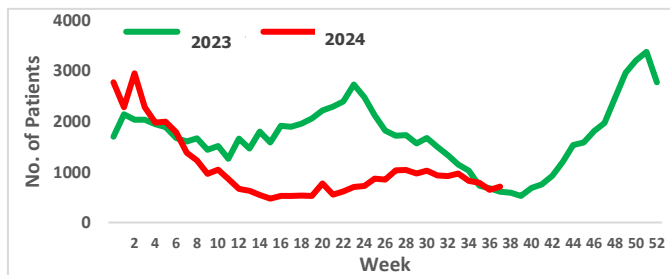
Week
37

Year: 2024 Volume: 04 Issue: 37

DENGUE CASE REPORTING

During 37th week, 711 suspected dengue cases were reported in 24 districts in comparison to 649 in 24 districts during the 36th week. There is 9.6% increase in 37th week, compared to the previous week. Of all reported cases, 54.0% were from Western Province [Colombo Municipal Council – 6.8%, rest of the Colombo District – 25.9%, Gampaha District – 16.2% and Kalutara District – 5.2%]. Kandy [9.3%], Galle [5.9%], Ratnapura [4.4%], Matara [4.2%], Kegalle [3.1%], and Kurunegala [3.5%] 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 37th week, 9 MOH areas were flagged as high-risk. Of them 2 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 36th and 37th weeks.

Gothatuwa and Kahathuduwa newly flagged as high-risk MOH areas in the 37th week. Battaramulla, Homagama and Seeduwa MOH areas flagged as high-risk in the 37th week, were not flagged in the current week.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 36th week shows an increase from 234 to 235.

In the 37th week average midnight total of dengue patients in selected 74 hospitals was 224. In 22 hospitals, the average midnight total has increased and in 21 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 37th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 37 and 36 of 2024

| District/ RDHS | No. of cases | | | | | |
|-------------------|--------------|------------|--------------|------------|---------------|--------------|
| | 2023 Week | | 2024 Week | | Up to Week 37 | |
| | 36 | 37 | 36 | 37 | 2023 | 2024 |
| Colombo | 97 | 102 | 207 | 232 | 13403 | 9451 |
| Gampaha | 73 | 82 | 97 | 115 | 13251 | 4381 |
| Kalutara | 74 | 49 | 33 | 37 | 4131 | 2097 |
| Kandy | 134 | 108 | 61 | 66 | 5394 | 3255 |
| Matale | 17 | 23 | 19 | 14 | 1212 | 491 |
| Nuwara Eliya | 4 | 2 | 3 | 5 | 167 | 149 |
| Galle | 54 | 51 | 33 | 42 | 2485 | 1708 |
| Hambantota | 9 | 5 | 9 | 9 | 1074 | 471 |
| Matara | 22 | 18 | 18 | 30 | 1257 | 655 |
| Jaffna | 31 | 16 | 12 | 5 | 1836 | 4085 |
| Kilinochchi | Nil | Nil | Nil | Nil | 71 | 225 |
| Mannar | Nil | 2 | 3 | 12 | 86 | 208 |
| Vavuniya | 1 | Nil | Nil | Nil | 119 | 86 |
| Mullaitivu | Nil | Nil | 1 | 2 | 122 | 134 |
| Batticaloa | 9 | 5 | 18 | 20 | 2221 | 1282 |
| Ampara | 1 | 4 | 3 | 2 | 169 | 154 |
| Trincomalee | 4 | 3 | 6 | 2 | 1946 | 551 |
| Kalmunai* | 5 | 5 | 6 | 2 | 2274 | 572 |
| Kurunegala | 26 | 26 | 20 | 25 | 3017 | 1582 |
| Puttalam | 11 | 8 | 13 | 14 | 551 | 939 |
| Anuradhapura | 2 | 6 | 3 | 4 | 471 | 351 |
| Polonnaruwa | 3 | 3 | 3 | 4 | 839 | 249 |
| Badulla | 18 | 10 | 9 | 5 | 459 | 576 |
| Monaragala | 10 | 2 | 9 | 10 | 2634 | 561 |
| Ratnapura | 25 | 35 | 31 | 31 | 2654 | 2357 |
| Kegalle | 45 | 41 | 33 | 22 | 1594 | 1518 |
| Total | 675 | 606 | 649 | 711 | 63437 | 38088 |

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 (9)

| MOH Area | Cases reported | | MOH Area | Cases reported | | MOH Area | Cases reported | | MOH Area | Cases reported | |
|------------------|----------------|---------|------------------|----------------|------------------|----------|----------------|---------|----------------|----------------|---------|
| | Week 36 | Week 37 | | Week 36 | Week 37 | | Week 36 | Week 37 | | Week 36 | Week 37 |
| WESTERN PROVINCE | | | Kaduwela | 28 | 21 | Biyagama | 18 | 22 | Kandy District | | |
| Colombo District | | | Maharagama | 18 | 22 | Wattala | 20 | 13 | MC Kandy | | |
| CMC | 75 | 48 | Kahathuduwa | 7 | 10 | Kelaniya | 13 | 13 | | | |
| Gothatuwa | 12 | 12 | Gampaha District | | CENTRAL PROVINCE | | | | | | |

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 37

| Hospital | Average Midnight Total | | | Hospital | Average Midnight Total | | | Hospital | Average Midnight Total | | |
|--------------|------------------------|---------|--------|---------------|------------------------|---------|--------|---------------|------------------------|---------|--------|
| | Week 36 | Week 37 | Change | | Week 36 | Week 37 | Change | | Week 36 | Week 37 | Change |
| NHSL | 26 | 27 | ↑ | DGH- Negombo | 9 | 9 | - | TH- Kalutara | 5 | 5 | - |
| TH-Col-South | 22 | 25 | ↑ | DGH- Matara | 8 | 8 | - | BH-Balapitiya | 2 | 4 | ↑ |
| NH-Kandy | 16 | 16 | - | TH-Ratnapura | 7 | 7 | - | BH- Panadura | 4 | 4 | - |
| NIID | 19 | 13 | ↓ | TH-Peradeniya | 4 | 7 | ↑ | BH- Mawanella | 5 | 4 | ↓ |
| LRH | 11 | 13 | ↑ | TH-Karapitiya | 8 | 5 | ↓ | PGH-Badulla | 3 | 4 | ↑ |
| TH-Col-North | 11 | 12 | ↑ | BH-Balangoda | 4 | 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

