



WEEKLY DENGUE UPDATE

Week 38 (16th – 22nd September 2024)

National Dengue Control Unit, Ministry of Health

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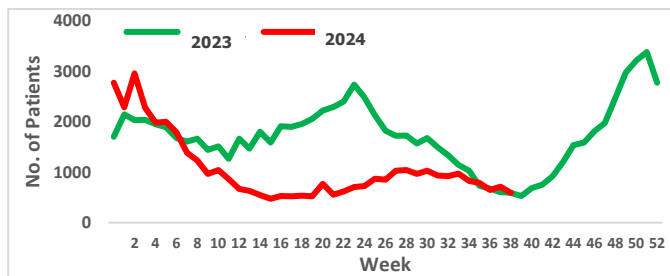
Week
38

Year: 2024 Volume: 04 Issue: 38

DENGUE CASE REPORTING

During 38th week, 590 suspected dengue cases were reported in 24 districts in comparison to 711 in 24 districts during the 37th week. There is 17.0% decrease in 38th week, compared to the previous week. Of all reported cases, 51.9% were from Western Province [Colombo Municipal Council – 6.8%, rest of the Colombo District – 26.1%, Gampaha District – 14.1% and Kalutara District – 4.9%]. Kandy [11.0%], Galle [5.3%], Ratnapura [4.9%], Matara [4.2%], and Kegalle [3.9%] 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 38th week, 10 MOH areas were flagged as high-risk. Of them 5 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 7 MOH areas in both 37th and 38th weeks.

Kundasale, MC Galle and Seeduwa newly flagged as high-risk MOH areas in the 38th week. MC Kandy and Kahathuduwa MOH areas flagged as high-risk in the 38th 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 37th week shows increase from 222 to 235.

In the 37th week average midnight total of dengue patients in selected 74 hospitals was 222. In 18 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 38th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 38 and 37 of 2024

| District/ RDHS | No. of cases | | | | | |
|-------------------|--------------|------------|--------------|------------|---------------|--------------|
| | 2023 Week | | 2024 Week | | Up to Week 38 | |
| | 37 | 38 | 37 | 38 | 2023 | 2024 |
| Colombo | 102 | 72 | 232 | 194 | 13475 | 9645 |
| Gampaha | 82 | 69 | 115 | 83 | 13320 | 4464 |
| Kalutara | 49 | 48 | 37 | 29 | 4179 | 2126 |
| Kandy | 108 | 134 | 66 | 65 | 5528 | 3320 |
| Matale | 23 | 11 | 14 | 14 | 1223 | 505 |
| Nuwara Eliya | 2 | 2 | 5 | 3 | 169 | 152 |
| Galle | 51 | 47 | 42 | 31 | 2532 | 1739 |
| Hambantota | 5 | 7 | 9 | 9 | 1081 | 480 |
| Matara | 18 | 23 | 30 | 14 | 1280 | 669 |
| Jaffna | 16 | 38 | 5 | 8 | 1874 | 4093 |
| Kilinochchi | Nil | 2 | Nil | Nil | 73 | 225 |
| Mannar | 2 | Nil | 12 | 8 | 86 | 216 |
| Vavuniya | Nil | Nil | Nil | Nil | 119 | 87 |
| Mullaitivu | Nil | Nil | 2 | 3 | 122 | 137 |
| Batticaloa | 5 | 12 | 20 | 13 | 2233 | 1295 |
| Ampara | 4 | 4 | 2 | 1 | 173 | 155 |
| Trincomalee | 3 | 1 | 2 | 2 | 1947 | 553 |
| Kalmunai* | 5 | 6 | 2 | 4 | 2280 | 576 |
| Kurunegala | 26 | 18 | 25 | 6 | 3035 | 1588 |
| Puttalam | 8 | 8 | 14 | 13 | 559 | 952 |
| Anuradhapura | 6 | 3 | 4 | 3 | 474 | 354 |
| Polonnaruwa | 3 | 4 | 4 | 11 | 843 | 260 |
| Badulla | 10 | 20 | 5 | 7 | 479 | 583 |
| Monaragala | 2 | 6 | 10 | 16 | 2640 | 577 |
| Ratnapura | 35 | 27 | 31 | 29 | 2681 | 2386 |
| Kegalle | 41 | 28 | 22 | 23 | 1622 | 1541 |
| Total | 606 | 590 | 711 | 590 | 64027 | 38678 |

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 (10)

| MOH Area | Cases reported | | MOH Area | Cases reported | | MOH Area | Cases reported | | MOH Area | Cases reported | |
|-------------------------|----------------|---------|-------------------------|----------------|---------|--------------------------|----------------|---------|-------------------|----------------|---------|
| | Week 37 | Week 38 | | Week 37 | Week 38 | | Week 37 | Week 38 | | Week 37 | Week 38 |
| WESTERN PROVINCE | | | Maharagama | 22 | 12 | CENTRAL PROVINCE | | | Galle RDHS | | |
| Colombo District | | | Gampaha District | | | Kandy District | | | MC Galle | | |
| CMC | 48 | 40 | Biyagama | 17 | 10 | Kundasale | | | 4 | 10 | |
| Gothatuwa | 14 | 11 | Wattala | 14 | 16 | SOUTHERN PROVINCE | | | | | |
| Kaduwela | 23 | 26 | Kelaniya | 15 | 12 | | | | | | |

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 20

| Hospital | Average Midnight Total | | | Hospital | Average Midnight Total | | | Hospital | Average Midnight Total | | |
|--------------|------------------------|---------|--------|---------------|------------------------|---------|--------|------------------|------------------------|---------|--------|
| | Week 37 | Week 38 | Change | | Week 37 | Week 38 | Change | | Week 37 | Week 38 | Change |
| NHSL | 27 | 23 | ↓ | DGH- Matara | 8 | 7 | ↓ | DGH-Kegalle | 5 | 5 | - |
| TH-Col-South | 25 | 20 | ↓ | TH-Peradeniya | 7 | 7 | - | BH- Kiribathgoda | 3 | 5 | ↑ |
| NIID | 13 | 19 | ↑ | DGH- Negombo | 9 | 6 | ↓ | DGH-Avissawella | 3 | 5 | ↑ |
| NH-Kandy | 16 | 13 | ↓ | PGH-Badulla | 4 | 6 | ↑ | TH- Kalutara | 5 | 5 | - |
| LRH | 13 | 12 | ↓ | TH-Karapitiya | 5 | 5 | - | DGH-Moneragala | 3 | 4 | ↑ |
| TH-Col-North | 12 | 11 | ↓ | BH- Panadura | 4 | 5 | ↑ | DGH-Mannar | 3 | 4 | ↑ |
| TH-Ratnapura | 7 | 8 | ↑ | BH- Mawanella | 4 | 5 | ↑ | | | | |

Table 4: Dengue related deaths

| | 2023 | 2024 | | 2023 | 2024 |
|-----------------|------|------|--------------------|-------|-------|
| Reported Deaths | 62 | 19 | Case Fatality Rate | 0.07% | 0.05% |

| Deaths reported in 2024 [Districts/Admin area] [Provisional] | | | | | |
|--|----|---------------|----|---------------|----|
| District/area | No | District/area | No | District/area | No |
| Colombo ^[1] | 4 | Matara | 2 | Monaragala | 1 |
| Kalutara ^[2] | 2 | Jaffna | 1 | Ratnapura | 2 |
| Hambantota | 1 | Kilinochchi | 1 | Galle | 1 |
| Gampaha | 3 | Kandy | 1 | | |
| | | | | | |

| 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 | - | 1 |
| 05 - 14 | 1 | - | 55 - 64 | - | 1 |
| 15 - 24 | - | 4 | 65 & above | - | 1 |
| 25 - 34 | 1 | 4 | Total | 2 | 17 |

^[1] Excluding Colombo Municipal Council (CMC) area

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

