



WEEKLY DENGUE UPDATE

Week 09 (26th February – 3rd March 2024)

National Dengue Control Unit, Ministry of Health

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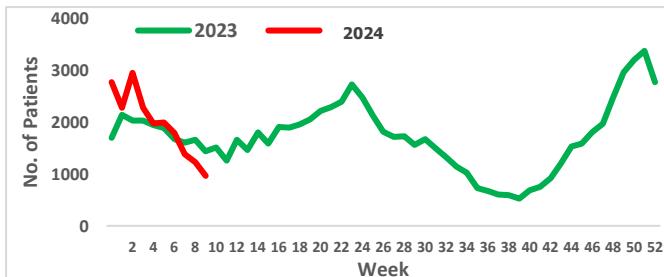
Week
09

Year: 2024 Volume: 04 Issue: 09

DENGUE CASE REPORTING

During 9th week, 964 suspected dengue cases were reported in 26 districts in comparison to 1230, in 25 districts during the 8th week. There is 21.6% decrease in 9th week, compared to the previous week. Of all reported cases, 36.1% were from Western Province [Colombo Municipal Council – 5.1%, rest of the Colombo District – 16.8%, Gampaha District – 8.8% and Kalutara District – 5.4%]. Jaffna [11.9%], Kandy [5.9%], Ratnapura [5.4%], Kurunegala [5.2%], Batticaloa [4.8%], Galle [4.5%] and Kegalle [4.1%] 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 9th week, 9 MOH areas were flagged as high-risk. Of them, Piliyandala MOH area showed rising number than its respective number in previous week. Persistently high number of patients are observed in 8 MOH areas in both 8th and 9th weeks.

The MOH areas that were newly flagged as high-risk areas in 9th week are Piliyandala and Rathmalana. The MOH areas that were flagged as high-risk in 8th week and not flagged for the current week are Sandilipay, Uduvil, Kurunegala, Battaramulla, Dehiwala, Gothatuwa, Kaduwela, Maharagama, Moratuwa and Nugegoda.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 8th week shows a decrease from 402 to 398.

In 9th week average midnight total of dengue patients in selected 74 hospitals was 328. In 17 hospitals, the average midnight total has increased and in 30 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 9th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 9 and 8 of 2024

| District/ RDHS | No. of cases | | | | | |
|-------------------|--------------|-------------|--------------|------------|-----------------------|--------------|
| | 2023 Week | | 2024 Week | | Up to Week 09 2023 | 2024 |
| | 08 | 09 | 08 | 09 | | |
| Colombo | 384 | 324 | 316 | 211 | 3582 | 3645 |
| Gampaha | 359 | 370 | 109 | 85 | 3601 | 1443 |
| Kalutara | 94 | 83 | 53 | 52 | 963 | 693 |
| Kandy | 74 | 51 | 84 | 57 | 648 | 1127 |
| Matale | 14 | 21 | 11 | 13 | 197 | 162 |
| Nuwara Eliya | 4 | 2 | 6 | 1 | 25 | 54 |
| Galle | 57 | 31 | 74 | 43 | 385 | 809 |
| Hambantota | 25 | 15 | 24 | 19 | 168 | 194 |
| Matara | 44 | 26 | 19 | 19 | 297 | 201 |
| Jaffna | 44 | 51 | 167 | 115 | 688 | 3407 |
| Kilinochchi | 3 | 1 | 11 | 4 | 30 | 173 |
| Mannar | 4 | Nil | 5 | 2 | 31 | 116 |
| Vavuniya | 2 | 14 | Nil | 2 | 34 | 52 |
| Mullaitivu | 1 | 1 | 4 | 4 | 38 | 109 |
| Batticaloa | 67 | 74 | 51 | 46 | 457 | 725 |
| Amprara | 3 | 3 | 3 | 7 | 27 | 64 |
| Trincomalee | 49 | 55 | 18 | 28 | 353 | 256 |
| Kalmunai* | 69 | 35 | 22 | 19 | 884 | 315 |
| Kurunegala | 63 | 49 | 46 | 50 | 578 | 758 |
| Puttalam | 104 | 117 | 20 | 24 | 1754 | 525 |
| Anuradhapura | 10 | 4 | 33 | 26 | 102 | 184 |
| Polonnaruwa | 13 | 11 | 8 | 4 | 128 | 89 |
| Badulla | 23 | 10 | 16 | 8 | 259 | 311 |
| Monaragala | 13 | 5 | 23 | 33 | 100 | 245 |
| Ratnapura | 78 | 59 | 50 | 52 | 536 | 564 |
| Kegalle | 62 | 26 | 57 | 40 | 549 | 619 |
| Total | 1663 | 1438 | 1230 | 964 | 16414 | 16840 |

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 | |
|-------------------------|----------------|---------|
| | Week 08 | Week 09 |
| WESTERN PROVINCE | | |
| Colombo District | | |
| Egodauyana | 14 | 10 |
| Piliyandala | 4 | 10 |

| MOH Area | Cases reported | |
|--------------------------|----------------|---------|
| | Week 08 | Week 09 |
| Rathmalana | 11 | 10 |
| CMC | 63 | 49 |
| NORTHERN PROVINCE | | |
| Jaffna District | | |

| MOH Area | Cases reported | |
|----------------|----------------|---------|
| | Week 08 | Week 09 |
| Point Pedro | 35 | 12 |
| MC Jaffna | 22 | 14 |
| Karaveddy | 16 | 14 |
| Chavakachcheri | 18 | 10 |

| MOH Area | Cases reported | |
|----------------------------|----------------|---------|
| | Week 08 | Week 09 |
| EASTERN PROVINCE | | |
| Batticaloa District | | |
| Batticaloa | 14 | 10 |

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 09

| Hospital | Average Midnight Total | | |
|----------------|------------------------|--------|--------|
| | Week 8 | Week 9 | Change |
| TH-Col-South | 23 | 25 | ↑ |
| NHSL | 29 | 23 | ↓ |
| BH-Point Pedro | 24 | 21 | ↓ |
| TH-Ratnapura | 23 | 19 | ↓ |
| NIID | 30 | 19 | ↓ |
| TH-Col-North | 23 | 12 | ↓ |
| DGH- Negombo | 12 | 10 | ↓ |
| TH-Karapitiya | 15 | 10 | ↓ |
| LRH | 13 | 9 | ↓ |
| NH-Kandy | 12 | 9 | ↓ |

| Hospital | Average Midnight Total | | |
|-------------------|------------------------|--------|--------|
| | Week 8 | Week 9 | Change |
| DGH- Gampaha | 9 | 9 | - |
| BH- Panadura | 8 | 9 | ↑ |
| TH-Batticaloa | 8 | 8 | - |
| DGH-Kegalle | 10 | 8 | ↓ |
| DGH- Matara | 7 | 8 | ↑ |
| BH- Mawanella | 6 | 7 | ↑ |
| DGH- Horana | 3 | 6 | ↑ |
| PGH-Badulla | 8 | 6 | ↓ |
| BH- Wathupitiwala | 5 | 6 | ↑ |
| TH-Peradeniya | 7 | 6 | ↓ |

| Hospital | Average Midnight Total | | |
|------------------|------------------------|--------|--------|
| | Week 8 | Week 9 | Change |
| BH- Warakapola | 6 | 5 | ↓ |
| TH-Jaffna | 8 | 5 | ↓ |
| TH- Kalutara | 7 | 5 | ↓ |
| BH-Balapitiya | 4 | 4 | - |
| BH- Kiribathgoda | 10 | 4 | ↓ |
| BH-Dambadeniya | 4 | 4 | - |
| BH-Gampola | 2 | 4 | ↑ |
| TH-Kurunegala | 6 | 4 | ↓ |
| TH-Anuradhapura | 6 | 4 | ↓ |

Table 4: Dengue related deaths

| | 2023 | 2024 | | 2023 | 2024 |
|-----------------|------|------|--------------------|-------|-------|
| Reported Deaths | 62 | 06 | Case Fatality Rate | 0.07% | 0.03% |

| Deaths reported in 2024 [Districts/Admin area] [Provisional] | | | | | |
|--|----|---------------|----|---------------|----|
| District/area | No | District/area | No | District/area | No |
| Kalutara [1] | 1 | Kilinochchi | 1 | Monaragala | 1 |
| Jaffna | 1 | Matara | 1 | Colombo [2] | 1 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

[2] Excluding Colombo Municipal Council (CMC) area

KEY ACTIVITIES CONDUCTED DURING WEEK 09 AT NATIONAL LEVEL