



WEEKLY DENGUE UPDATE

Week 28 (8th – 14th July 2024)

National Dengue Control Unit, Ministry of Health

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Week
28

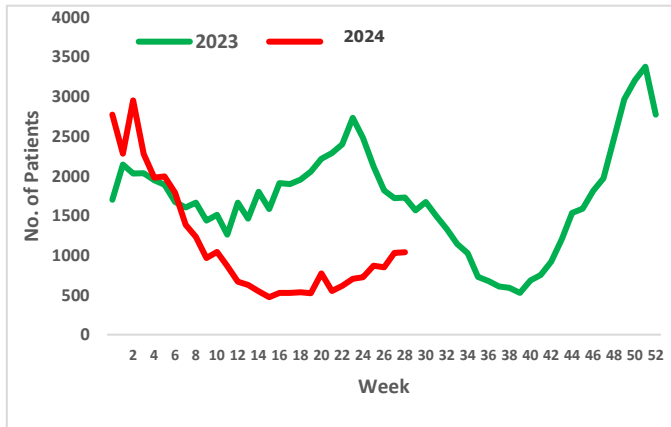
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The increasing trend of case reporting has slowed down to a certain extent during the 28th week. However, further increase of case reporting in coming weeks especially in the Western and Sabaragamuwa provinces, and in Kandy district cannot be excluded.

DENGUE CASE REPORTING

During 28th week, 1038 suspected dengue cases were reported in 23 districts in comparison to 1030, in 24 districts during the 27th week. There is 0.8% increase in 28th week, compared to the previous week. Of all reported cases, 53.9% were from Western Province [Colombo Municipal Council – 10%, rest of the Colombo District – 22.4%, Gampaha District – 16.5% and Kalutara District – 5.1%]. Kandy [11.9%], Ratnapura [6.5%], Kurunegala [3.7%] and Kegalle [3.1%] 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 28th week, 23 MOH areas were flagged as high-risk. Of them 17 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 18 MOH areas in both 27th and 28th weeks.

Pasbage, Yatinuwara, Kolonnawa, Moratuwa, Gampaha and Seeduwa MOH areas were newly flagged as high-risk MOH areas in the 28th week. Egodaunya, Homagama, Piliyandala, Ragama, Beruwala and Kalutara MOH areas flagged as high-risk in the 27th week were not flagged in the current week.

Table 1: Reported dengue cases in week 28 and 27 of 2024

| District/ RDHS | No. of cases | | | | | |
|-------------------|--------------|-------------|--------------|-------------|---------------|--------------|
| | 2023 Week | | 2024 Week | | Up to Week 28 | |
| | 27 | 28 | 27 | 28 | 2023 | 2024 |
| Colombo | 390 | 353 | 309 | 336 | 11444 | 6989 |
| Gampaha | 322 | 359 | 149 | 171 | 11608 | 3140 |
| Kalutara | 130 | 100 | 72 | 53 | 3438 | 1673 |
| Kandy | 181 | 230 | 98 | 124 | 3579 | 2450 |
| Matale | 35 | 54 | 18 | 18 | 869 | 331 |
| Nuwara Eliya | 3 | 11 | 3 | 8 | 131 | 111 |
| Galle | 76 | 89 | 44 | 28 | 1761 | 1376 |
| Hambantota | 33 | 22 | 17 | 19 | 944 | 384 |
| Matara | 60 | 48 | 20 | 21 | 987 | 457 |
| Jaffna | 21 | 36 | 15 | 12 | 1609 | 4001 |
| Kilinochchi | 1 | Nil | Nil | Nil | 67 | 213 |
| Mannar | Nil | 1 | Nil | 8 | 81 | 148 |
| Vavuniya | Nil | 1 | 2 | 1 | 107 | 66 |
| Mullaitivu | 2 | 6 | 2 | Nil | 112 | 124 |
| Batticaloa | 59 | 48 | 11 | 18 | 2057 | 1115 |
| Ampara | 8 | 4 | 7 | Nil | 142 | 122 |
| Trincomalee | 23 | 24 | 13 | 11 | 1878 | 484 |
| Kalmunai* | 17 | 19 | 15 | 7 | 1505 | 500 |
| Kurunegala | 50 | 50 | 34 | 38 | 1908 | 1318 |
| Puttalam | 39 | 33 | 17 | 21 | 2829 | 794 |
| Anuradhapura | 16 | 12 | 13 | 11 | 496 | 291 |
| Polonnaruwa | 15 | 8 | 5 | 11 | 420 | 197 |
| Badulla | 30 | 38 | 11 | 13 | 668 | 465 |
| Monaragala | 18 | 17 | 11 | 10 | 335 | 451 |
| Ratnapura | 96 | 87 | 121 | 67 | 2124 | 1847 |
| Kegalle | 93 | 76 | 23 | 32 | 2116 | 1260 |
| Total | 1718 | 1726 | 1030 | 1038 | 53215 | 30307 |

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 (23)

| MOH Area | Cases reported | | MOH Area | Cases reported | | MOH Area | Cases reported | | MOH Area | Cases reported | |
|------------------|----------------|---------|------------------|----------------|---------|-------------------------|----------------|---------|-----------------------|----------------|---------|
| | Week 27 | Week 28 | | Week 27 | Week 28 | | Week 27 | Week 28 | | Week 27 | Week 28 |
| WESTERN PROVINCE | | | Nugegoda | 10 | 15 | Attanagalla | 7 | 17 | MC Kandy | 40 | 28 |
| Colombo District | | | Ratmalana | 15 | 22 | Wattala | 20 | 18 | Pasbage | 10 | 13 |
| CMC | 95 | 104 | Kolonnawa | 10 | 10 | Gampaha | 10 | 11 | Yatinuwara | 3 | 10 |
| Battaramulla | 20 | 10 | Moratuwa | 7 | 10 | Seeduwa | 7 | 12 | SABARAGAMUWA PROVINCE | | |
| Gothatuwa | 18 | 22 | Gampaha District | | | Kalutara District- NIHS | | | Rathnapura District | | |
| Dehiwala | 15 | 25 | Biyagama | 20 | 29 | Panadura | 8 | 16 | Rathnapura MC | 11 | 11 |
| Maharagama | 23 | 16 | Kelaniya | 11 | 15 | CENTRAL PROVINCE | | | Ratnapura PS | 13 | 10 |
| Kaduwela | 10 | 17 | Mahara | 11 | 20 | Kandy District | | | | | |

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 28

| Hospital | Average Midnight Total | | | Hospital | Average Midnight Total | | | Hospital | Average Midnight Total | | |
|---------------|------------------------|---------|--------|------------------|------------------------|---------|--------|-------------------|------------------------|---------|--------|
| | Week 27 | Week 28 | Change | | Week 27 | Week 28 | Change | | Week 27 | Week 28 | Change |
| NH-Kandy | 29 | 32 | ↑ | BH- Panadura | 6 | 10 | ↑ | DGH- Embilipitiya | 2 | 5 | ↑ |
| TH-Col-South | 35 | 32 | ↓ | DGH- Matara | 6 | 9 | ↑ | DGH-Matale | 4 | 4 | - |
| NHSL | 39 | 30 | ↓ | BH- Kiribathgoda | 3 | 8 | ↑ | BH-Balapitiya | 3 | 4 | ↑ |
| NIID | 27 | 29 | ↑ | BH-Nawalapitiya | 3 | 7 | ↑ | BH- Wathupitiwala | 5 | 4 | ↓ |
| TH-Col-North | 14 | 19 | ↑ | TH- Kalutara | 9 | 7 | ↑ | BH-Marawila | 7 | 4 | ↓ |
| TH-Ratnapura | 18 | 16 | ↓ | DGH-Kegalle | 3 | 7 | ↑ | BH-Balangoda | 0 | 4 | ↑ |
| LRH | 15 | 15 | - | BH-Kahawatta | 9 | 6 | ↑ | TH-Anuradhapura | 1 | 4 | ↑ |
| TH-Karapitiya | 12 | 13 | ↑ | DGH- Gampaha | 5 | 5 | - | BH- Mawanella | 5 | 4 | ↓ |
| TH-Peradeniya | 7 | 12 | ↑ | DGH- Negombo | 14 | 5 | ↓ | | | | |

Table 4: Dengue related deaths

| | 2023 | 2024 | | 2023 | 2024 |
|-----------------|------|------|--------------------|-------|-------|
| Reported Deaths | 62 | 12 | Case Fatality Rate | 0.07% | 0.04% |

| Deaths reported in 2024 [Age & Sex] | | | | | |
|-------------------------------------|------|--------|------------------|----------|-----------|
| Age Group (Yrs.) | Male | Female | Age Group (Yrs.) | Male | Female |
| Less than 01 | - | - | 35 - 44 | - | 2 |
| 01 - 04 | - | 1 | 45 - 54 | - | - |
| 05 - 14 | - | - | 55 - 64 | - | 1 |
| 15 - 24 | - | 3 | 65 & above | - | 1 |
| 25 - 34 | 1 | 3 | Total | 1 | 11 |

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

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

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

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 27th week shows decrease from 347 to 346.

In the 28th week average midnight total of dengue patients in selected 74 hospitals was 346. In 24 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 28th week are illustrated in Table 3.

KEY ACTIVITIES CONDUCTED DURING WEEK 28 AT NATIONAL LEVEL

- National Dengue Review for all 26 districts was successfully conducted from 9th to 11th July.
- Continued close monitoring of disease trend at MOH division level is ongoing and intensified.