



WEEKLY DENGUE UPDATE

06th February 2023 – 12th March 2023



National Dengue Control Unit, Ministry of Health

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Week
10

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DENGUE CASE REPORTING

During the week 10, 1511 suspected dengue cases were reported in 26 districts in comparison to 1438 cases in 25 districts during the week 09. There is a 5.1% increase in week 10, compared to the previous week. Of all reported cases 51.9% were from Western Province [Colombo Municipal Council – 4.1%, Rest of the Colombo District – 18.1%, Gampaha District – 23.8% and Kalutara District – 5.8%]. Puttalam [7.1%], Batticaloa [4.4%], Kegalle [4.4%], Galle [3.9%] and Kandy [3.7%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Thirty-eight MOH areas were flagged as high-risk areas during week 10. Out of them, 09 MOH areas showed a rising number of cases in week 10 compared to the week 09, and another 29 MOH areas showed persistently high number of cases in both weeks 10 and 09 (Table 2).

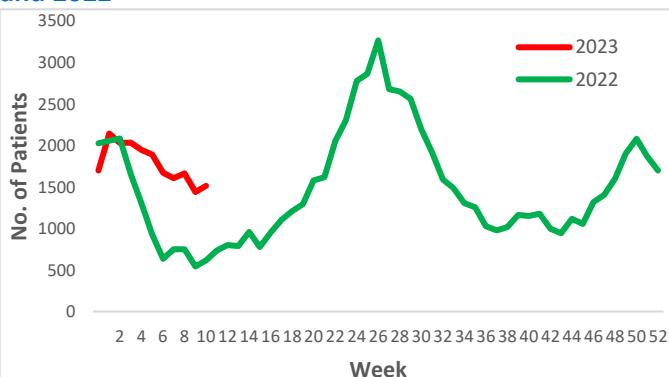
In week 10, high risk levels of Piliyandala, Egoda Uyana, Point Pedro, Vavuniya, Eravur, Korali Pattu Central, Nattandiya and MC Rathnapura MOH areas have come down while Nugegoda, Badulla, Kuruwita and Mawanella MOH areas were newly identified as high-risk areas.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 73 hospitals throughout the country was 574 and 544 during the weeks 09 and 10 respectively. In 27 hospitals, the average midnight total has decreased and in 24 hospitals the average mid night total has increased in the week 10 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of dengue admissions in the week 10 are displayed in Table 3.

**Average midnight total of the 09th week shows an increase from 569 to 574 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2021 and 2022



Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit)

Table 1: Reported dengue cases in week 10 and 09 of 2023

| District/ RDHS | No. of cases | | | | | |
|-------------------|--------------|------------|-------------|-------------|---------------|--------------|
| | 2022 | | 2023 | | Up to Week 10 | |
| | Week | Week | 09 | 10 | 2022 | 2023 |
| Colombo | 99 | 123 | 324 | 336 | 2691 | 3918 |
| Gampaha | 77 | 63 | 370 | 360 | 1910 | 3961 |
| Kalutara | 65 | 55 | 83 | 88 | 949 | 1051 |
| Kandy | 33 | 22 | 51 | 56 | 506 | 704 |
| Matale | 10 | 6 | 21 | 16 | 111 | 213 |
| Nuwara Eliya | 2 | Nil | 2 | 1 | 34 | 26 |
| Galle | 8 | 52 | 31 | 59 | 610 | 444 |
| Hambantota | 10 | 11 | 15 | 14 | 174 | 182 |
| Matara | 9 | 14 | 26 | 21 | 203 | 318 |
| Jaffna | 27 | 53 | 51 | 51 | 558 | 739 |
| Kilinochchi | 1 | 1 | 1 | 5 | 30 | 35 |
| Mannar | 5 | 1 | Nil | 3 | 126 | 34 |
| Vavuniya | 1 | 2 | 14 | 4 | 33 | 38 |
| Mullaitivu | Nil | Nil | 1 | 2 | 4 | 40 |
| Batticaloa | 17 | 15 | 74 | 66 | 201 | 523 |
| Ampara | 1 | 2 | 3 | 3 | 36 | 30 |
| Trincomalee | 26 | 22 | 55 | 50 | 258 | 403 |
| Kalmunai* | 15 | 18 | 35 | 37 | 245 | 921 |
| Kurunegala | 21 | 33 | 49 | 52 | 659 | 630 |
| Puttalam | 34 | 46 | 117 | 108 | 772 | 1862 |
| Anuradhapura | 6 | 8 | 4 | 21 | 117 | 123 |
| Polonnaruwa | 1 | 1 | 11 | 7 | 30 | 135 |
| Badulla | 14 | 7 | 10 | 31 | 239 | 290 |
| Monaragala | 7 | 5 | 5 | 3 | 84 | 103 |
| Rathnapura | 45 | 34 | 59 | 51 | 453 | 587 |
| Kegalle | 8 | 19 | 26 | 66 | 268 | 615 |
| Total | 542 | 613 | 1438 | 1511 | 11301 | 17925 |

Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology 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

| MOH Area | Cases reported | |
|-------------------------|----------------|---------|
| | Week 09 | Week 10 |
| WESTERN PROVINCE | | |
| Colombo District | | |
| Dehiwala | 7 | 14 |
| Homagama | 13 | 15 |
| Kaduwela | 17 | 32 |
| Maharagama | 16 | 29 |
| MC Colombo | 83 | 62 |
| Moratuwa | 15 | 10 |
| Nugegoda | 6 | 13 |
| Hanwella | 17 | 20 |
| Battaramulla | 11 | 32 |
| Ratmalana | 13 | 13 |
| Gothatuwa | 46 | 39 |
| Gampaha District | | |
| Attanagalla | 26 | 24 |
| Biyagama | 28 | 44 |
| Divulapitiya | 18 | 19 |
| Gampaha | 24 | 21 |

| MOH Area | Cases reported | |
|-----------------------------|----------------|---------|
| | Week 09 | Week 10 |
| Ja-Ela | 25 | 17 |
| Katana | 24 | 27 |
| Kelaniya | 28 | 32 |
| Mahara | 21 | 18 |
| MC Negombo | 53 | 40 |
| Minuwangoda | 15 | 14 |
| Mirigama | 12 | 10 |
| Ragama | 17 | 21 |
| Wattala | 49 | 26 |
| Seeduwa | 14 | 30 |
| Kalutara District | | |
| Beruwala (NIHS) | 16 | 12 |
| Panadura | 31 | 31 |
| EASTERN PROVINCE | | |
| Batticaloa District | | |
| Batticaloa | 15 | 22 |
| Chenkalady | 21 | 16 |
| Trincomalee District | | |

| MOH Area | Cases reported | |
|-------------------------------|----------------|---------|
| | Week 09 | Week 10 |
| Trincomalee | 21 | 20 |
| Uppuveli | 25 | 17 |
| NORTH WESTERN PROVINCE | | |
| Puttalam District | | |
| Chilaw | 19 | 26 |
| Kalpitiya | 29 | 27 |
| Puttalam | 13 | 16 |
| UVA PROVINCE | | |
| Badulla District | | |
| Badulla | 4 | 13 |
| SABARAGAMUWA PROVINCE | | |
| Rathnapura District | | |
| Eheliyagoda | 12 | 13 |
| Kuruwita | 6 | 10 |
| Kegalle District | | |
| Mawanella | 0 | 23 |

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 10

| Hospital | Average Midnight Total | | |
|------------------|------------------------|---------|--------|
| | Week 9 | Week 10 | Change |
| DGH- Negombo | 62 | 66 | ↑ |
| NIID | 48 | 39 | ↓ |
| NHSL | 44 | 33 | ↓ |
| TH-Col-South | 36 | 32 | ↓ |
| DGH-Trincomalee | 31 | 24 | ↓ |
| TH-Col-North | 39 | 22 | ↓ |
| BH- Panadura | 18 | 20 | ↑ |
| DGH-Chilaw | 22 | 19 | ↓ |
| BH-Puttalam | 20 | 17 | ↓ |
| TH-Karapitiya | 9 | 15 | ↑ |
| TH-Kandy | 7 | 15 | ↑ |
| BH- Kiribathgoda | 15 | 14 | ↓ |
| DGH- Gampaha | 14 | 14 | - |

| Hospital | Average Midnight Total | | |
|-------------------|------------------------|---------|--------|
| | Week 9 | Week 10 | Change |
| LRH | 16 | 14 | ↓ |
| TH-Batticaloa | 16 | 13 | ↓ |
| DGH-Kegalle | 7 | 13 | ↑ |
| BH- Wathupitiwala | 10 | 11 | ↑ |
| PGH-Badulla | 7 | 10 | ↑ |
| BH-Avissawella | 10 | 9 | ↓ |
| TH-Peradeniya | 9 | 9 | - |
| TH-Ratnapura | 11 | 9 | ↓ |
| TH- Kalutara | 6 | 8 | ↑ |
| BH-Marawila | 12 | 8 | ↓ |
| DGH- Embilipitiya | 6 | 7 | ↓ |
| DGH-Hambantota | 2 | 7 | ↑ |
| TH-Kurunegala | 3 | 6 | ↑ |

| Hospital | Average Midnight Total | | |
|------------------|------------------------|---------|--------|
| | Week 9 | Week 10 | Change |
| BH- Warakapola | 5 | 6 | ↑ |
| DGH-Matara | 7 | 6 | ↓ |
| BH- Minuwangoda | 6 | 6 | - |
| BH-Kamburupitiya | 5 | 6 | ↑ |
| BH-Dambulla | 2 | 5 | ↑ |
| BH-Kalmunai AMH | 3 | 4 | ↑ |
| BH- Mirigama | 4 | 4 | - |
| TH-Jaffna | 3 | 4 | ↑ |
| BH-Balapitiya | 2 | 4 | ↑ |
| BH- Mawanella | 6 | 4 | ↓ |
| BH-Point Pedro | 6 | 4 | ↓ |

KEY ACTIVITIES CONDUCTED DURING WEEK 10 of 2023

- Training on clinical management of dengue for Registrars in Emergency Medicine at the National Institute of Infectious Diseases.