



WEEKLY DENGUE UPDATE

20th March 2023 – 26th March 2023



National Dengue Control Unit, Ministry of Health

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Week
12

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DENGUE CASE REPORTING

During the week 12, 1661 suspected dengue cases were reported in 25 districts in comparison to 1259 cases in 23 districts during the week 11. There is a 31.9% increase in week 12, compared to the previous week. Of all reported cases 49.0% were from Western Province [Colombo Municipal Council – 5.8%, Rest of the Colombo District – 15.8%, Gampaha District – 22.7% and Kalutara District – 4.7%]. Trincomalee [7.5%], Puttalam [6.3%], Batticaloa [5.8%], Kandy [4.6%] and Kegalle [3.5%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Forty-four MOH areas were flagged as high-risk areas during week 12. Out of them, 15 MOH areas showed a rising number of cases in week 12 compared to the week 11, and another 26 MOH areas showed persistently high number of cases in both weeks 12 and 11 (Table 2).

In week 12, high risk levels of Piliyandala, Boralesgamuwa, Hanwella and Ruwanwella MOH areas have come down while Dehiwala, Pitakotte, Nugegoda, Kahathuduwa, Bandaragama, MC Kandy, Poojapitiya, Hambantota, Karaveddy, Chenkalady, Eravur, Kuchchavely, Puttalam, Mawanella, Yatiyantota and Addalaichchenai 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 485 and 570 during the weeks 11 and 12 respectively. In 17 hospitals, the average midnight total has decreased and in 31 hospitals the average mid night total has increased in the week 12 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 12 are displayed in Table 3.

**Average midnight total of the 11th week shows an increase from 467 to 485 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023

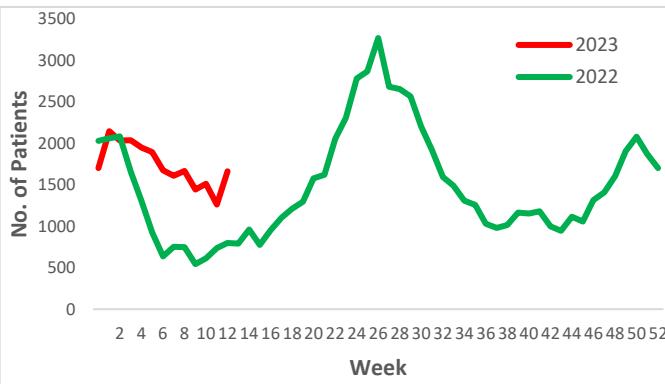


Table 1: Reported dengue cases in week 12 and 11 of 2023

| District/ RDHS | No. of cases | | | | | |
|-------------------|--------------|------------|-------------|-------------|---------------|--------------|
| | 2022 | | 2023 | | Up to Week 12 | |
| | Week | Week | 11 | 12 | 2022 | 2023 |
| Colombo | 163 | 152 | 238 | 359 | 3006 | 4515 |
| Gampaha | 84 | 79 | 305 | 377 | 2073 | 4643 |
| Kalutara | 79 | 87 | 73 | 78 | 1115 | 1202 |
| Kandy | 25 | 35 | 63 | 76 | 566 | 843 |
| Matale | 1 | 6 | 19 | 32 | 118 | 264 |
| Nuwara Eliya | 4 | 1 | Nil | 4 | 39 | 30 |
| Galle | 45 | 81 | 47 | 30 | 736 | 521 |
| Hambantota | 12 | 5 | 20 | 39 | 191 | 241 |
| Matara | 15 | 17 | 29 | 17 | 235 | 364 |
| Jaffna | 74 | 59 | 54 | 54 | 691 | 847 |
| Kilinochchi | 6 | 1 | 3 | Nil | 37 | 38 |
| Mannar | 1 | 1 | Nil | 3 | 128 | 37 |
| Vavuniya | 2 | 1 | 8 | 1 | 36 | 47 |
| Mullaitivu | Nil | Nil | Nil | 3 | 4 | 43 |
| Batticaloa | 38 | 30 | 52 | 97 | 269 | 672 |
| Ampara | 1 | 2 | 2 | 5 | 39 | 37 |
| Trincomalee | 22 | 52 | 41 | 124 | 332 | 568 |
| Kalmunai* | 22 | 19 | 36 | 48 | 286 | 1005 |
| Kurunegala | 34 | 31 | 53 | 54 | 724 | 737 |
| Puttalam | 27 | 28 | 63 | 105 | 827 | 2030 |
| Anuradhapura | 7 | 9 | 12 | 9 | 133 | 144 |
| Polonnaruwa | Nil | 2 | 12 | 12 | 32 | 159 |
| Badulla | 8 | 11 | 18 | 20 | 258 | 328 |
| Monaragala | 8 | 6 | 6 | 4 | 98 | 113 |
| Rathnapura | 34 | 53 | 50 | 52 | 540 | 689 |
| Kegalle | 21 | 30 | 55 | 58 | 319 | 728 |
| Total | 733 | 798 | 1259 | 1661 | 12832 | 20845 |

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 11 | Week 12 |
| WESTERN PROVINCE | | |
| Colombo District | | |
| Dehiwala | 5 | 12 |
| Kaduwela | 20 | 25 |
| Pitakotte | 8 | 12 |
| Maharagama | 13 | 31 |
| MC Colombo | 50 | 96 |
| Moratuwa | 16 | 12 |
| Nugegoda | 9 | 14 |
| Kahathuduwa | 6 | 10 |
| Battaramulla | 17 | 25 |
| Gothatuwa | 22 | 49 |
| Gampaha District | | |
| Attanagalla | 16 | 18 |
| Biyagama | 19 | 42 |
| Divulapitiya | 15 | 14 |
| Gampaha | 9 | 14 |
| Ja-Ela | 20 | 32 |
| Katana | 24 | 28 |
| Kelaniya | 25 | 29 |
| Dompe | 14 | 10 |
| Kalutara District | | |
| Bandaragama | 9 | 14 |
| Panadura | 18 | 20 |
| Wadduwa | 12 | 10 |
| CENTRAL PROVINCE | | |
| Kandy District | | |
| MC Kandy | 8 | 13 |
| Poojapitiya | 4 | 10 |
| SOUTHERN PROVINCE | | |
| Hambantota District | | |
| Hambantota | 0 | 18 |
| NORTHERN PROVINCE | | |
| Jaffna District | | |
| Karaveddy | 9 | 11 |
| EASTERN PROVINCE | | |
| Batticaloa District | | |
| Batticaloa | 20 | 32 |
| Chenkalady | 7 | 12 |
| Eravur | 5 | 12 |
| Trincomalee District | | |
| Trincomalee | 16 | 46 |
| Kuchchavely | 0 | 11 |
| Uppuveli | 14 | 54 |
| Kalmunai District | | |
| Addalaichchenai | 8 | 11 |
| NORTH WESTERN PROVINCE | | |
| Puttalam District | | |
| Chilaw | 14 | 13 |
| Kalpitiya | 21 | 47 |
| Puttalam | 8 | 17 |
| SABARAGAMUWA PROVINCE | | |
| Rathnapura District | | |
| Eheliyagoda | 13 | 11 |
| Kegalle District | | |
| Mawanella | 9 | 15 |
| Yatiyantota | 8 | 14 |

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 12

| Hospital | Average Midnight Total | | |
|------------------|------------------------|---------|--------|
| | Week 11 | Week 12 | Change |
| DGH- Negombo | 50 | 57 | ↑ |
| NIID | 39 | 56 | ↑ |
| NHSL | 30 | 43 | ↑ |
| TH-Col-North | 22 | 34 | ↑ |
| TH-Col-South | 30 | 29 | ↓ |
| DGH-Trincomalee | 31 | 29 | ↓ |
| TH-Kandy | 11 | 19 | ↑ |
| TH-Batticaloa | 14 | 17 | ↑ |
| LRH | 18 | 16 | ↓ |
| BH-Puttalam | 11 | 16 | ↑ |
| BH- Panadura | 15 | 15 | - |
| BH- Kiribathgoda | 10 | 13 | ↑ |
| TH-Ratnapura | 10 | 12 | ↑ |

| Hospital | Average Midnight Total | | |
|-------------------|------------------------|---------|--------|
| | Week 11 | Week 12 | Change |
| DGH-Kegalle | 12 | 12 | - |
| DGH- Gampaha | 12 | 10 | ↓ |
| BH- Wathupitiwala | 8 | 10 | ↑ |
| DGH-Hambantota | 5 | 10 | ↑ |
| TH-Peradeniya | 6 | 10 | ↑ |
| TH-Karapitiya | 9 | 9 | - |
| PGH-Badulla | 8 | 9 | ↑ |
| DGH-Chilaw | 11 | 8 | ↓ |
| BH-Kalmunai North | 5 | 8 | ↑ |
| BH-Point Pedro | 6 | 8 | ↑ |
| BH-Valachchenai | 1 | 7 | ↑ |
| DGH- Embilipitiya | 4 | 7 | ↑ |
| BH-Kalmunai AMH | 5 | 6 | ↑ |

| Hospital | Average Midnight Total | | |
|------------------|------------------------|---------|--------|
| | Week 11 | Week 12 | Change |
| BH-Avissawella | 7 | 6 | ↓ |
| BH-Matale | 3 | 6 | ↑ |
| BH- Warakapola | 6 | 5 | ↓ |
| DGH Matara | 5 | 5 | - |
| BH-Kamburupitiya | 5 | 5 | - |
| BH- Mirigama | 3 | 5 | ↑ |
| TH- Kalutara | 6 | 5 | ↓ |
| BH-Marawila | 5 | 5 | - |
| BH- Minuwangoda | 5 | 5 | - |
| DGH-Polonnaruwa | 3 | 5 | ↑ |
| BH-Nikaweratiya | 3 | 5 | ↑ |
| TH-Kurunegala | 2 | 4 | ↑ |

KEY ACTIVITIES CONDUCTED DURING WEEK 12 of 2023

- National dengue review for regional epidemiologists.
- Meeting of the expert committee to review the Guidelines for Aedes vector surveillance and control