



WEEKLY DENGUE UPDATE

13th March 2023 – 19th March 2023

National Dengue Control Unit, Ministry of Health



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Week
11

DENGUE CASE REPORTING

During the week 11, 1259 suspected dengue cases were reported in 23 districts in comparison to 1511 cases in 26 districts during the week 10. There is a 16.7% reduction in week 11, compared to the previous week. Of all reported cases 48.9% were from Western Province [Colombo Municipal Council – 4.0%, Rest of the Colombo District – 14.9%, Gampaha District – 24.2% and Kalutara District – 5.8%]. Kandy [5.0%], Puttalam [5.0%], Kegalle [4.4%], Jaffna [4.3%] and Kurunegala [4.2%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Thirty-two MOH areas were flagged as high-risk areas during week 11. Out of them, 05 MOH areas showed a rising number of cases in week 11 compared to the week 10, and another 25 MOH areas showed persistently high number of cases in both weeks 11 and 10 (Table 2).

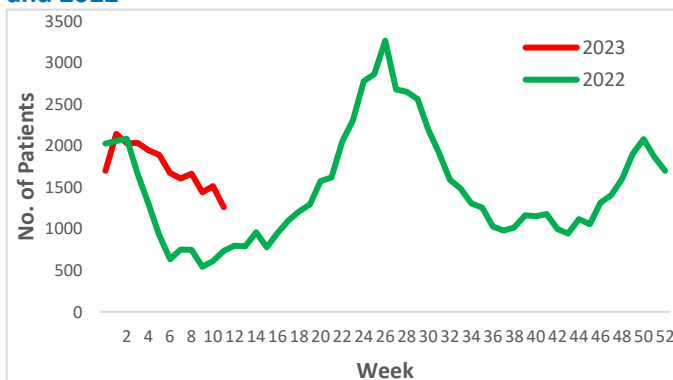
In week 11, high risk levels of Dehiwala, Homagama, Nugegoda, Ratmalana, Mirigama, Beruwala (NIHS), Chenkalady, Puttalam, Badulla, Kuruwita and Mawanella MOH areas have come down while Piliyandala, Boralesgamuwa, Dompe, Wadduwa and Ruwanwella MOH areas were newly identified as high-risk areas.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 73 hospitals throughout the country was 542 and 467 during the weeks 10 and 11 respectively. In 35 hospitals, the average midnight total has decreased and in 16 hospitals the average mid night total has increased in the week 11 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 11 are displayed in Table 3.

**Average midnight total of the 10th week shows a decrease from 544 to 542 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 11 and 10 of 2023

| District/ RDHS | No. of cases | | | | | |
|-------------------|--------------|------------|-------------|-------------|---------------|--------------|
| | 2022 | | 2023 | | Up to Week 11 | |
| | Week | | Week | | 2022 | 2023 |
| | 10 | 11 | 10 | 11 | | |
| Colombo | 123 | 163 | 336 | 238 | 2854 | 4156 |
| Gampaha | 63 | 84 | 360 | 305 | 1994 | 4266 |
| Kalutara | 55 | 79 | 88 | 73 | 1028 | 1124 |
| Kandy | 22 | 25 | 56 | 63 | 531 | 767 |
| Matale | 6 | 1 | 16 | 19 | 112 | 232 |
| Nuwara Eliya | Nil | 4 | 1 | Nil | 38 | 26 |
| Galle | 52 | 45 | 59 | 47 | 655 | 491 |
| Hambantota | 11 | 12 | 14 | 20 | 186 | 202 |
| Matara | 14 | 15 | 21 | 29 | 218 | 347 |
| Jaffna | 53 | 74 | 51 | 54 | 632 | 793 |
| Kilinochchi | 1 | 6 | 5 | 3 | 36 | 38 |
| Mannar | 1 | 1 | 3 | Nil | 127 | 34 |
| Vavuniya | 2 | 2 | 4 | 8 | 35 | 46 |
| Mullaitivu | Nil | Nil | 2 | Nil | 4 | 40 |
| Batticaloa | 15 | 38 | 66 | 52 | 239 | 575 |
| Ampara | 2 | 1 | 3 | 2 | 37 | 32 |
| Trincomalee | 22 | 22 | 50 | 41 | 280 | 444 |
| Kalmunai* | 18 | 22 | 37 | 36 | 267 | 957 |
| Kurunegala | 33 | 34 | 52 | 53 | 693 | 683 |
| Puttalam | 46 | 27 | 108 | 63 | 799 | 1925 |
| Anuradhapura | 8 | 7 | 21 | 12 | 124 | 135 |
| Polonnaruwa | 1 | Nil | 7 | 12 | 30 | 147 |
| Badulla | 7 | 8 | 31 | 18 | 247 | 308 |
| Monaragala | 5 | 8 | 3 | 6 | 92 | 109 |
| Rathnapura | 34 | 34 | 51 | 50 | 487 | 637 |
| Kegalle | 19 | 21 | 66 | 55 | 289 | 670 |
| Total | 613 | 733 | 1511 | 1259 | 12034 | 19184 |

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 10 | Week 11 |
| WESTERN PROVINCE | | |
| Colombo District | | |
| Piliyandala | 6 | 12 |
| Kaduwela | 36 | 19 |
| Maharagama | 28 | 14 |
| MC Colombo | 62 | 50 |
| Moratuwa | 8 | 17 |
| Boralesgamuwa | 5 | 10 |
| Hanwella | 19 | 10 |
| Battaramulla | 29 | 18 |
| Gothatuwa | 38 | 22 |
| Gampaha District | | |
| Attagalla | 24 | 18 |
| Biyagama | 44 | 19 |
| Divulapitiya | 19 | 17 |

| MOH Area | Cases reported | |
|--------------------------|----------------|---------|
| | Week 10 | Week 11 |
| Gampaha | 21 | 8 |
| Ja-Ela | 17 | 19 |
| Katana | 27 | 24 |
| Kelaniya | 32 | 23 |
| Dompe | 9 | 14 |
| Mahara | 17 | 9 |
| MC Negombo | 40 | 51 |
| Minuwangoda | 14 | 27 |
| Ragama | 17 | 12 |
| Wattala | 30 | 19 |
| Seeduwa | 30 | 33 |
| Kalutara District | | |
| Panadura | 31 | 18 |
| Wadduwa | 9 | 12 |
| EASTERN PROVINCE | | |

| MOH Area | Cases reported | |
|-------------------------------|----------------|---------|
| | Week 10 | Week 11 |
| Batticaloa District | | |
| Batticaloa | 22 | 20 |
| Trincomalee District | | |
| Trincomalee | 20 | 16 |
| Uppuveli | 17 | 14 |
| NORTH WESTERN PROVINCE | | |
| Puttalam District | | |
| Chilaw | 26 | 14 |
| Kalpitiya | 27 | 21 |
| SABARAGAMUWA PROVINCE | | |
| Rathnapura District | | |
| Eheliyagoda | 13 | 13 |
| Kegalle District | | |
| Ruwanwella | 2 | 10 |

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 11

| Hospital | Average Midnight Total | | |
|------------------|------------------------|---------|--------|
| | Week 10 | Week 11 | Change |
| DGH- Negombo | 66 | 50 | ↓ |
| DGH- Trincomalee | 24 | 31 | ↑ |
| TH-Col-South | 32 | 30 | ↓ |
| NIID | 38 | 29 | ↓ |
| NHSL | 33 | 29 | ↓ |
| TH-Col-North | 22 | 20 | ↓ |
| LRH | 13 | 18 | ↑ |
| BH- Panadura | 20 | 15 | ↓ |
| TH-Batticaloa | 13 | 14 | ↑ |
| DGH- Gampaha | 14 | 12 | ↓ |
| DGH-Kegalle | 13 | 12 | ↓ |
| TH-Kandy | 15 | 11 | ↓ |
| BH-Puttalam | 17 | 11 | ↓ |

| Hospital | Average Midnight Total | | |
|------------------|------------------------|---------|--------|
| | Week 10 | Week 11 | Change |
| DGH-Chilaw | 19 | 11 | ↓ |
| BH-Kiribathgoda | 14 | 10 | ↓ |
| TH-Ratnapura | 9 | 10 | ↑ |
| TH-Karapitiya | 15 | 9 | ↓ |
| BH-Wathupitiwala | 11 | 8 | ↓ |
| PGH-Badulla | 10 | 8 | ↓ |
| BH-Avissawella | 9 | 7 | ↓ |
| BH-Point Pedro | 4 | 6 | ↑ |
| TH- Kalutara | 8 | 6 | ↓ |
| BH- Warakapola | 6 | 6 | - |
| TH-Peradeniya | 9 | 6 | ↓ |
| BH- Minuwangoda | 6 | 5 | ↓ |
| BH-Marawila | 8 | 5 | ↓ |

| Hospital | Average Midnight Total | | |
|-------------------|------------------------|---------|--------|
| | Week 10 | Week 11 | Change |
| BH-Kalmunai North | 3 | 5 | ↑ |
| BH-Kalmunai AMH | 4 | 5 | ↑ |
| BH-Kamburupitiya | 6 | 5 | ↓ |
| DGH Matara | 6 | 4 | ↓ |
| TH-Jaffna | 4 | 4 | - |
| DGH- Embilipitiya | 7 | 4 | ↓ |
| DGH- Hambantota | 5 | 4 | ↓ |
| BH-Kahawatta | 2 | 4 | ↑ |
| BH- Mawanella | 4 | 4 | - |

KEY ACTIVITIES CONDUCTED DURING WEEK 11 of 2023

- Training workshop for MOOH/PHII of Colombo district on principles of planning for effective public health programme management.

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