



# WEEKLY DENGUE UPDATE



10<sup>th</sup> April 2023 – 16<sup>th</sup> April 2023

National Dengue Control Unit, Ministry of Health

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Week  
15

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## DENGUE CASE REPORTING

During the week 15, 1584 suspected dengue cases were reported in 26 districts in comparison to 1801 cases in 25 districts during the week 14. There is a 12.0% decrease in week 15, compared to the previous week. Of all reported cases 50.1% were from Western Province [Colombo Municipal Council – 4.2%, Rest of the Colombo District – 16.8%, Gampaha District – 22.5% and Kalutara District – 6.6%]. Batticaloa [8.6%], Trincomalee [5.9%], Kandy [4.2%] and Jaffna [3.5%] districts also have reported higher number of cases (Table 1).

## HIGH RISK MOH AREAS

Forty-two MOH areas were flagged as high-risk areas during week 15. Out of them, 6 MOH areas showed a rising number of cases in week 15 compared to the week 14, and another 36 MOH areas showed persistently high number of cases in both weeks 15 and 14 (Table 2).

In week 15, high risk levels of Piliyandala, Kolonnawa, Moratuwa, Nugegoda, Minuwangoda, Beruwala (NIHS), Harispattuwa, MC Kandy, Hambantota, Point Pedro, Kinniya, Sammanthurai, Sainthamaruthu, Dehiovita, Ruwanwella and Eheliyagoda MOH areas have come down while Rathmalana, Bandaragama, Wadduwa, Korali Pattu (Central), PS Rathnapura and Yatiyantota 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 646 and 680 during the weeks 14 and 15 respectively. In 21 hospitals, the average midnight total has decreased and in 31 hospitals the average mid night total has increased in the week 15 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 15 are displayed in Table 3.

*\*Average midnight total of the 14<sup>th</sup> week shows an increase from 620 to 646 when compared to the previous week's report after updated with delayed reporting from hospitals.*

## WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023

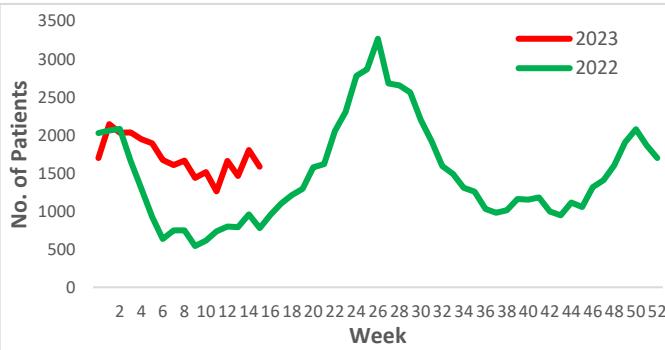


Table 1: Reported dengue cases in week 15 and 14 of 2023

| District/<br>RDHS | No. of cases |            |             |             |               |              |
|-------------------|--------------|------------|-------------|-------------|---------------|--------------|
|                   | 2022         |            | 2023        |             | Up to Week 15 |              |
|                   | Week         | Week       | 14          | 15          | 2022          | 2023         |
| Colombo           | 171          | 142        | 369         | 333         | 3441          | 5439         |
| Gampaha           | 95           | 73         | 408         | 356         | 2308          | 5736         |
| Kalutara          | 102          | 69         | 82          | 104         | 1371          | 1471         |
| Kandy             | 28           | 33         | 108         | 67          | 666           | 1102         |
| Matale            | 7            | 8          | 33          | 31          | 144           | 383          |
| Nuwara Eliya      | 1            | 2          | 4           | 2           | 42            | 39           |
| Galle             | 69           | 64         | 70          | 53          | 964           | 698          |
| Hambantota        | 28           | 30         | 53          | 27          | 258           | 374          |
| Matara            | 21           | 17         | 32          | 18          | 294           | 444          |
| Jaffna            | 117          | 48         | 59          | 56          | 914           | 1017         |
| Kilinochchi       | 2            | 2          | 2           | 1           | 44            | 43           |
| Mannar            | Nil          | Nil        | Nil         | 6           | 129           | 47           |
| Vavuniya          | 1            | 1          | 3           | 6           | 40            | 65           |
| Mullaitivu        | 1            | 1          | 2           | 7           | 7             | 53           |
| Batticaloa        | 48           | 44         | 95          | 136         | 398           | 1005         |
| Amprara           | Nil          | 5          | 12          | 13          | 49            | 66           |
| Trincomalee       | 54           | 43         | 136         | 94          | 464           | 900          |
| Kalmunai*         | 31           | 33         | 48          | 44          | 380           | 1140         |
| Kurunegala        | 28           | 12         | 48          | 39          | 805           | 871          |
| Puttalam          | 28           | 19         | 57          | 50          | 906           | 2183         |
| Anuradhapura      | 5            | 6          | 22          | 8           | 149           | 186          |
| Polonnaruwa       | 1            | 1          | 4           | 17          | 39            | 195          |
| Badulla           | 10           | 9          | 19          | 4           | 284           | 360          |
| Monaragala        | 8            | 3          | 3           | 10          | 118           | 131          |
| Rathnapura        | 80           | 62         | 51          | 53          | 721           | 832          |
| Kegalle           | 22           | 48         | 81          | 49          | 418           | 911          |
| <b>Total</b>      | <b>958</b>   | <b>775</b> | <b>1801</b> | <b>1584</b> | <b>15353</b>  | <b>25691</b> |

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

\*Amprara district is divided into two Regional Directorates of Health Services (RDHS) as Amprara & Kalmunai

■ Districts reporting higher number of cases

**Table 2: High risk MOH areas**

| MOH Area                | Cases reported |         |
|-------------------------|----------------|---------|
|                         | Week 14        | Week 15 |
| <b>WESTERN PROVINCE</b> |                |         |
| <b>Colombo District</b> |                |         |
| Dehiwala                | 9              | 16      |
| Homagama                | 14             | 16      |
| Kaduwela                | 38             | 40      |
| Maharagama              | 30             | 26      |
| MC Colombo              | 60             | 67      |
| Hanwella                | 17             | 11      |
| Battaramulla            | 30             | 31      |
| Ratmalana               | 8              | 14      |
| Gothatuwa               | 70             | 41      |
| <b>Gampaha District</b> |                |         |
| Attanagalla             | 19             | 38      |
| Biyagama                | 36             | 23      |
| Divulapitiya            | 11             | 10      |
| Gampaha                 | 26             | 24      |
| Ja-Ela                  | 27             | 22      |
| Katana                  | 19             | 14      |
| Kelaniya                | 35             | 36      |
| Dompe                   | 18             | 14      |
| Mahara                  | 28             | 21      |

| MOH Area                   | Cases reported |         |
|----------------------------|----------------|---------|
|                            | Week 14        | Week 15 |
| MC Negombo                 | 37             | 55      |
| Mirigama                   | 13             | 16      |
| Ragama                     | 16             | 13      |
| Wattala                    | 56             | 40      |
| Seeduwa                    | 30             | 20      |
| <b>Kalutara District</b>   |                |         |
| Bandaragama                | 9              | 11      |
| Panadura                   | 23             | 38      |
| Wadduwa                    | 6              | 19      |
| <b>CENTRAL PROVINCE</b>    |                |         |
| <b>Kandy District</b>      |                |         |
| Poojapitiya                | 18             | 18      |
| <b>SOUTHERN PROVINCE</b>   |                |         |
| <b>Hambantota District</b> |                |         |
| Walasmulla                 | 13             | 12      |
| <b>Galle District</b>      |                |         |
| MC Galle                   | 15             | 13      |
| <b>NORTHERN PROVINCE</b>   |                |         |
| <b>Jaffna District</b>     |                |         |
| Karaveddy                  | 16             | 13      |
| <b>EASTERN PROVINCE</b>    |                |         |

| MOH Area                      | Cases reported |         |
|-------------------------------|----------------|---------|
|                               | Week 14        | Week 15 |
| <b>Batticaloa District</b>    |                |         |
| Batticaloa                    | 30             | 41      |
| Chenkalady                    | 17             | 12      |
| Kattankudy                    | 11             | 10      |
| Eravur                        | 14             | 17      |
| Korali Pattu (Central)        | 7              | 29      |
| <b>Trincomalee District</b>   |                |         |
| Trincomalee                   | 51             | 38      |
| Kuchchavely                   | 12             | 11      |
| Uppuveli                      | 48             | 34      |
| <b>NORTH WESTERN PROVINCE</b> |                |         |
| <b>Puttalam District</b>      |                |         |
| Kalpitiya                     | 14             | 12      |
| Puttalam                      | 13             | 14      |
| <b>SABARAGAMUWA PROVINCE</b>  |                |         |
| <b>Kegalle District</b>       |                |         |
| Yatiyantota                   | 8              | 10      |
| <b>Rathnапura District</b>    |                |         |
| PS Ratnapura                  | 7              | 14      |

**Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 15**

| Hospital          | Average Midnight Total |         |        |
|-------------------|------------------------|---------|--------|
|                   | Week 14                | Week 15 | Change |
| NHSL              | 50                     | 65      | ↑      |
| DGH- Negombo      | 58                     | 64      | ↑      |
| NIID              | 52                     | 49      | ↓      |
| DGH-Trincomalee   | 41                     | 37      | ↓      |
| TH-Col-North      | 32                     | 35      | ↑      |
| TH-Col-South      | 31                     | 27      | ↓      |
| BH- Wathupitiwala | 19                     | 26      | ↑      |
| TH-Batticaloa     | 18                     | 24      | ↑      |
| BH- Panadura      | 16                     | 19      | ↑      |
| BH- Kiribathgoda  | 16                     | 19      | ↑      |
| TH-Ratnapura      | 11                     | 18      | ↑      |
| LRH               | 21                     | 18      | ↓      |
| DGH-Hambantota    | 12                     | 17      | ↑      |
| TH-Karapitiya     | 14                     | 14      | -      |

| Hospital          | Average Midnight Total |         |        |
|-------------------|------------------------|---------|--------|
|                   | Week 14                | Week 15 | Change |
| TH-Kandy          | 20                     | 14      | ↓      |
| TH-Peradeniya     | 20                     | 13      | ↓      |
| DGH- Gampaha      | 18                     | 13      | ↓      |
| BH-Dambulla       | 12                     | 13      | ↑      |
| DGH- Embilipitiya | 5                      | 12      | ↑      |
| BH-Valachchenai   | 10                     | 12      | ↑      |
| BH-Puttalam       | 14                     | 10      | ↓      |
| DGH-Kegalle       | 10                     | 10      | -      |
| BH-Point Pedro    | 11                     | 10      | ↓      |
| DGH-Avissawella   | 10                     | 10      | -      |
| TH- Kalutara      | 9                      | 9       | -      |
| BH- Warakapola    | 7                      | 8       | ↑      |
| DGH-Chilaw        | 5                      | 8       | ↑      |
| DGH-Matale        | 6                      | 7       | ↑      |

| Hospital          | Average Midnight Total |         |        |
|-------------------|------------------------|---------|--------|
|                   | Week 14                | Week 15 | Change |
| DGH Matara        | 5                      | 7       | ↑      |
| BH-Nikaweratiya   | 2                      | 5       | ↑      |
| DGH-Polonnaruwa   | 2                      | 5       | ↑      |
| BH-Kahawatta      | 5                      | 5       | -      |
| BH-Kalmunai AMH   | 7                      | 5       | ↓      |
| BH- Mirigama      | 5                      | 5       | -      |
| DGH- Mawanella    | 4                      | 5       | ↑      |
| TH-Kurunegala     | 3                      | 5       | ↑      |
| BH-Kalmunai North | 4                      | 4       | -      |
| BH- Minuwangoda   | 7                      | 4       | ↓      |
| PGH-Badulla       | 7                      | 4       | ↓      |
| TH-Jaffna         | 2                      | 4       | ↑      |

**KEY ACTIVITIES CONDUCTED DURING WEEK 15 of 2023**

- Special Mosquito Control campaigns in selected high risk MOH areas.
- Emergency meeting on dengue outbreak preparedness with Provincial Director of Health Services – Western Province
- Special meeting on dengue prevention at schools with Provincial Director of Education – Western Province