



# WEEKLY DENGUE UPDATE



24<sup>th</sup> October 2022 – 30<sup>th</sup> October 2022

National Dengue Control Unit, Ministry of Health

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Week  
43

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## DENGUE CASE REPORTING

During the week 43, 943 suspected dengue cases were reported in 25 districts in comparison to 997 cases in 25 districts during the week 42. There is a 5.4% decrease in week 43, compared to the previous week. Of all reported cases 43.1% were from Western Province [Colombo Municipal Council – 4.8%, Rest of the Colombo District – 10.4%, Gampaha District – 19.4% and Kalutara District – 8.5%]. Kandy [10.5%], Puttalam [6.4%], Kegalle [5.9%], and Jaffna [5.5%] districts also have reported higher number of cases (Table 1).

## HIGH RISK MOH AREAS

Twenty- five MOH areas were flagged as high-risk areas during week 43. Out of them, 09 MOH areas showed rising number of cases in week 43 compared to the week 42, and another 16 MOH areas show persistently high number of cases in both weeks 43 and 42 (Table 2).

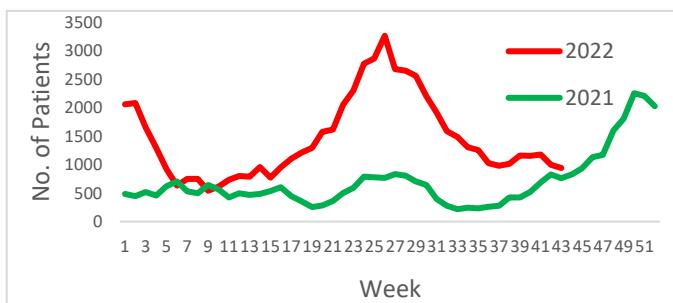
In week 43 high risk levels of Homagama, Kaduwela, Maharagama, Moratuwa, Biyagama, Divulapitiya, Dompe, Mahara, Weligama, Chilaw, Kalpitiya and Ruwanwella MOH areas have come down while Piliyandala, Harispattuwa, Ukuwela, Badulla, Kegalle and Mawanella MOH areas were newly identified as high-risk areas.

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 73 hospitals throughout the country was 382 and 407 during the weeks 42 and 43 respectively. In 22 hospitals, the average midnight total has decreased and in 23 hospitals the average mid night total has increased in the week 43 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 43 are displayed in Table 3.

*\*Average midnight total of the 42<sup>nd</sup> week shows a decrease from 387 to 382 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 43 and week 42 of 2022

| District     | No. of cases |            |            |            |               |              |
|--------------|--------------|------------|------------|------------|---------------|--------------|
|              | 2021         |            | 2022       |            | Up to Week 43 |              |
|              | Week         | Week       | Week       | Week       | 2021          | 2022         |
|              | 42           | 43         | 42         | 43         |               |              |
| Colombo      | 319          | 276        | 171        | 143        | 7296          | 14937        |
| Gampaha      | 208          | 211        | 232        | 183        | 3333          | 10280        |
| Kalutara     | 66           | 83         | 78         | 80         | 1572          | 5549         |
| Kandy        | 40           | 24         | 97         | 99         | 953           | 5572         |
| Matale       | 3            | 4          | 18         | 37         | 207           | 1042         |
| Nuwara Eliya | 2            | 4          | 4          | 2          | 70            | 157          |
| Galle        | 14           | 19         | 39         | 40         | 431           | 3409         |
| Hambantota   | 10           | 11         | 11         | 14         | 350           | 1307         |
| Matara       | 9            | 13         | 29         | 21         | 567           | 1462         |
| Jaffna       | Nil          | 1          | 52         | 52         | 39            | 2528         |
| Kilinochchi  | Nil          | Nil        | 2          | 1          | 14            | 113          |
| Mannar       | Nil          | Nil        | 4          | 6          | 27            | 188          |
| Vavuniya     | Nil          | Nil        | 1          | 1          | 37            | 77           |
| Mullaitivu   | Nil          | 1          | Nil        | 2          | 1             | 23           |
| Batticaloa   | 9            | 6          | 29         | 13         | 3256          | 1077         |
| Ampara       | 1            | 1          | 1          | 1          | 74            | 140          |
| Trincomalee  | Nil          | 6          | 1          | 6          | 152           | 1041         |
| Kalmunai     | 3            | 1          | 20         | Nil        | 240           | 1345         |
| Kurunegala   | 42           | 33         | 22         | 32         | 1151          | 2154         |
| Puttalam     | 10           | 6          | 54         | 60         | 374           | 2452         |
| Anuradhapura | 7            | 6          | 11         | 5          | 298           | 494          |
| Polonnaruwa  | 4            | 4          | 10         | 6          | 79            | 327          |
| Badulla      | 36           | 25         | 13         | 39         | 365           | 876          |
| Monaragala   | 6            | 1          | 14         | 13         | 146           | 435          |
| Rathnapura   | 26           | 17         | 38         | 31         | 657           | 2929         |
| Kegalle      | 13           | 6          | 46         | 56         | 498           | 2521         |
| <b>Total</b> | <b>828</b>   | <b>759</b> | <b>997</b> | <b>943</b> | <b>22187</b>  | <b>62435</b> |

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

■ Districts reporting higher number of cases

**Table 2: High risk MOH areas**

| MOH Area                | Cases reported |         | MOH Area                | Cases reported |         | MOH Area                      | Cases reported |         |
|-------------------------|----------------|---------|-------------------------|----------------|---------|-------------------------------|----------------|---------|
|                         | Week 42        | Week 43 |                         | Week 42        | Week 43 |                               | Week 42        | Week 43 |
| <b>WESTERN PROVINCE</b> |                |         | Seeduwa                 |                |         | <b>Jaffna District</b>        |                |         |
| Colombo District        |                |         | Kalutara District       |                |         | MC Jaffna                     |                |         |
| Piliyandala             | 6              | 11      | Beruwela (NIHS)         | 18             | 50      | <b>NORTH WESTERN PROVINCE</b> |                |         |
| MC Colombo              | 40             | 45      | Panadura                | 11             | 12      | Puttalam District             |                |         |
| Gothatuwa               | 7              | 13      | <b>CENTRAL PROVINCE</b> |                |         | Wennappuwa                    |                |         |
| Gampaha District        |                |         | Kandy District          |                |         | <b>UVA PROVINCE</b>           |                |         |
| Attanagalla             | 14             | 11      | Gampola                 | 15             | 10      | Badulla District              |                |         |
| Gampaha                 | 17             | 14      | Harispattuwa            | 4              | 16      | Badulla                       |                |         |
| Ja-Ela                  | 38             | 32      | MC Kandy                | 19             | 13      | <b>SABARAGAMUWA PROVINCE</b>  |                |         |
| Katana                  | 12             | 13      | Wattegama               | 11             | 11      | Kegalle District              |                |         |
| Kelaniya                | 16             | 17      | Matale District         |                |         | Kegalle                       |                |         |
| Minuwangoda             | 20             | 18      | Ukuwela                 | 1              | 9       | Mawanella                     |                |         |
| Ragama                  | 14             | 10      | MC Matale               | 10             | 11      | <b>NORTHERN PROVINCE</b>      |                |         |
| Wattala                 | 10             | 17      |                         |                |         |                               |                |         |

**Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 43**

| Hospital      | Average Midnight Total |         |        | Hospital          | Average Midnight Total |         |        | Hospital         | Average Midnight Total |         |        |
|---------------|------------------------|---------|--------|-------------------|------------------------|---------|--------|------------------|------------------------|---------|--------|
|               | Week 42                | Week 43 | Change |                   | Week 42                | Week 43 | Change |                  | Week 42                | Week 43 | Change |
| DGH- Negombo  | 43                     | 50      | ↑      | DGH-Kegalle       | 13                     | 11      | ↓      | TH-Ratnapura     | 11                     | 6       | ↓      |
| NHSL          | 20                     | 30      | ↑      | BH- Panadura      | 7                      | 10      | ↑      | BH-Balapitiya    | 4                      | 6       | ↑      |
| TH-Col-North  | 20                     | 25      | ↑      | BH-Marawila       | 7                      | 10      | ↑      | TH-Jaffna        | 6                      | 6       | -      |
| TH-Col-South  | 16                     | 22      | ↑      | TH-Matara         | 14                     | 10      | ↓      | BH- Minuwangoda  | 6                      | 6       | -      |
| NH-Kandy      | 18                     | 20      | ↑      | DGH- Gampaha      | 14                     | 9       | ↓      | BH- Mawanella    | 7                      | 6       | ↓      |
| NIID          | 14                     | 20      | ↑      | TH- Kalutara      | 9                      | 8       | ↓      | BH-Gampola       | 8                      | 5       | ↓      |
| PGH-Badulla   | 7                      | 17      | ↑      | BH- Wathupitiwala | 8                      | 8       | -      | BH-Puttlam       | 5                      | 5       | -      |
| TH-Peradeniya | 12                     | 16      | ↑      | BH- Kiribathgoda  | 6                      | 8       | ↑      | TH- Anuradhapura | 4                      | 4       | -      |
| BH-Matale     | 14                     | 15      | ↑      | TH-Karapitiya     | 13                     | 7       | ↓      | BH- Mirigama     | 3                      | 4       | ↑      |
| LRH           | 9                      | 12      | ↑      | DGH-Chilaw        | 10                     | 7       | ↓      |                  |                        |         |        |

**KEY ACTIVITIES CONDUCTED DURING WEEK 43**

- Training on clinical management of dengue for Medical Officers and Nursing Officers at National Institute of Infectious Diseases.

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