



# WEEKLY DENGUE UPDATE

Week 20 (13<sup>th</sup>– 19<sup>th</sup> May 2024)

National Dengue Control Unit, Ministry of Health

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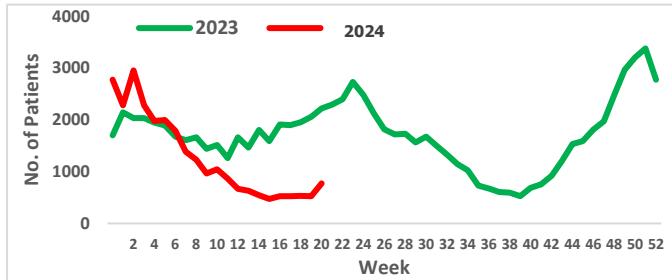
Week  
20

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## DENGUE CASE REPORTING

During 20<sup>th</sup> week, 770 suspected dengue cases were reported in 22 districts in comparison to 523, in 25 districts during the 19<sup>th</sup> week. There is 47.2% increase in 20<sup>th</sup> week, compared to the previous week. Of all reported cases, 36.4% were from Western Province [Colombo Municipal Council – 4.9%, rest of the Colombo District – 16.6%, Gampaha District – 10.5% and Kalutara District – 4.3%]. Ratnapura [19.2%], Kandy [11.2%], Kurunegala [7.8%], Kegalle [7.0%] and Galle [4.0%] districts also have reported higher number of cases (Table 1).

## WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2023 and 2024



Source: DenSys and NaDSys – Dengue Surveillance Systems

## HIGH RISK MOH AREAS (Table 2)

During 20<sup>th</sup> week, 9 MOH areas were flagged as high-risk. Of them 6 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 7 MOH areas in both 19<sup>th</sup> and 20<sup>th</sup> weeks.

Kelaniya MOH area was newly flagged as high-risk areas in the 20<sup>th</sup> week. Warakapola MOH area which was flagged as high-risk in the 19<sup>th</sup> week was not flagged in the current week.

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

\* After updated with delayed reporting from hospitals, average midnight total for the 19<sup>th</sup> week shows an increase from 243 to 245.

In the 20<sup>th</sup> week average midnight total of dengue patients in selected 74 hospitals was 256. In 18 hospitals, the average midnight total has increased and in 20 hospitals it has decreased compared to the previous week.

Selected hospitals with high average midnight totals of dengue patients and changing trend of dengue admissions in the 20<sup>th</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 20 and 19 of 2024

| District/<br>RDHS | No. of cases |             |              |            |               |              |
|-------------------|--------------|-------------|--------------|------------|---------------|--------------|
|                   | 2023<br>Week |             | 2024<br>Week |            | Up to Week 20 |              |
|                   | 19           | 20          | 19           | 20         | 2023          | 2024         |
| Colombo           | 406          | 510         | 106          | 166        | 7501          | 5114         |
| Gampaha           | 512          | 473         | 62           | 81         | 8058          | 2232         |
| Kalutara          | 116          | 185         | 31           | 33         | 2156          | 1253         |
| Kandy             | 163          | 174         | 77           | 86         | 1777          | 1784         |
| Matale            | 24           | 29          | 1            | 7          | 543           | 245          |
| Nuwara Eliya      | 1            | 8           | 2            | 2          | 65            | 75           |
| Galle             | 86           | 85          | 25           | 31         | 1069          | 1129         |
| Hambantota        | 37           | 42          | 5            | 2          | 569           | 330          |
| Matara            | 32           | 43          | 15           | 18         | 594           | 369          |
| Jaffna            | 45           | 56          | 12           | 5          | 1279          | 3879         |
| Kilinochchi       | Nil          | 2           | 2            | Nil        | 51            | 213          |
| Mannar            | 1            | 5           | 4            | Nil        | 61            | 138          |
| Vavuniya          | 9            | 4           | 1            | Nil        | 87            | 60           |
| Mullaitivu        | 1            | 9           | Nil          | Nil        | 71            | 121          |
| Batticaloa        | 85           | 57          | 15           | 21         | 1513          | 996          |
| Ampara            | 4            | 12          | 1            | 1          | 95            | 94           |
| Trincomalee       | 107          | 80          | 14           | 12         | 1456          | 410          |
| Kalmunai*         | 35           | 22          | 2            | 6          | 1309          | 434          |
| Kurunegala        | 85           | 77          | 22           | 60         | 1220          | 1056         |
| Puttalam          | 42           | 65          | 11           | 15         | 2447          | 680          |
| Anuradhapura      | 10           | 19          | 2            | 2          | 269           | 238          |
| Polonnaruwa       | 23           | 21          | 1            | 7          | 288           | 153          |
| Badulla           | 12           | 13          | 3            | 9          | 456           | 381          |
| Monaragala        | 8            | 19          | 12           | 4          | 204           | 351          |
| Ratnapura         | 84           | 109         | 59           | 148        | 1230          | 1179         |
| Kegalle           | 127          | 96          | 38           | 54         | 1352          | 1017         |
| <b>Total</b>      | <b>2055</b>  | <b>2215</b> | <b>523</b>   | <b>770</b> | <b>35720</b>  | <b>23931</b> |

Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit) and NaDSys (Dengue Surveillance, National Dengue Control 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 (9)**

| MOH Area         | Cases reported |         | MOH Area         | Cases reported |         | MOH Area              | Cases reported |         | MOH Area               | Cases reported |         |
|------------------|----------------|---------|------------------|----------------|---------|-----------------------|----------------|---------|------------------------|----------------|---------|
|                  | Week 19        | Week 20 |                  | Week 19        | Week 20 |                       | Week 19        | Week 20 |                        | Week 19        | Week 20 |
| WESTERN PROVINCE |                |         | Kelaniya         |                |         | SABARAGAMUWA PROVINCE |                |         | NORTH WESTERN PROVINCE |                |         |
| Colombo District |                |         | CENTRAL PROVINCE |                |         | Rathnapura District   |                |         | Kurunegala District    |                |         |
| CMC              | 31             | 41      | Kandy District   |                |         | Eheliyagoda           | 26             | 31      | Katupotha              |                |         |
| Ratmalana        | 11             | 11      | MC Kandy         | 13             | 17      | Kiriella              | 11             | 18      |                        |                |         |
| Gampaha District |                |         | Menikhinna       | 7              | 11      | Kuruvita              | 21             | 21      |                        |                |         |

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 20**

| Hospital      | Average Midnight Total |         |        | Hospital        | Average Midnight Total |         |        | Hospital         | Average Midnight Total |         |        |
|---------------|------------------------|---------|--------|-----------------|------------------------|---------|--------|------------------|------------------------|---------|--------|
|               | Week 19                | Week 20 | Change |                 | Week 19                | Week 20 | Change |                  | Week 19                | Week 20 | Change |
| NHSL          | 22                     | 21      | ↓      | DGH-Avissawella | 9                      | 9       | -      | BH- Mawanella    | 4                      | 5       | ↑      |
| NH-Kandy      | 17                     | 19      | ↑      | BH-Point Pedro  | 9                      | 9       | -      | BH-Eheliyagoda   | 3                      | 5       | ↑      |
| TH-Ratnapura  | 17                     | 18      | ↑      | TH-Karapitiya   | 7                      | 9       | ↑      | DGH- Gampaha     | 5                      | 4       | ↓      |
| NIID          | 16                     | 16      | -      | BH- Panadura    | 6                      | 8       | ↑      | BH- Warakapola   | 7                      | 4       | ↓      |
| TH-Col-South  | 13                     | 16      | ↑      | TH- Kalutara    | 6                      | 6       | -      | BH- Kiribathgoda | 4                      | 4       | -      |
| TH-Col-North  | 10                     | 12      | ↑      | DGH-Kegalle     | 7                      | 6       | ↓      | BH-Nikaweratiya  | 4                      | 4       | -      |
| LRH           | 10                     | 10      | -      | BH-Kahawatta    | 7                      | 5       | ↓      |                  |                        |         |        |
| TH-Peradeniya | 6                      | 9       | ↑      | DGH- Matara     | 5                      | 5       | -      |                  |                        |         |        |

**Table 4: Dengue related deaths**

|                 | 2023 | 2024 |                    | 2023  | 2024  |
|-----------------|------|------|--------------------|-------|-------|
| Reported Deaths | 62   | 09   | Case Fatality Rate | 0.07% | 0.04% |

| Deaths reported in 2024 [Age & Sex] |      |        |                  |          |          |
|-------------------------------------|------|--------|------------------|----------|----------|
| Age Group (Yrs.)                    | Male | Female | Age Group (Yrs.) | Male     | Female   |
| Less than 01                        | -    | -      | 35 - 44          | -        | 2        |
| 01 - 04                             | -    | 1      | 45 - 54          | -        | -        |
| 05 - 14                             | -    | -      | 55 - 64          | -        | -        |
| 15 - 24                             | -    | 2      | 65 & above       | -        | 1        |
| 25 - 34                             | 1    | 2      | <b>Total</b>     | <b>1</b> | <b>8</b> |

| Deaths reported in 2024 [Districts/Admin area] [Provisional] |    |               |    |               |    |
|--|----|---------------|----|---------------|----|
| District/area  | No | District/area | No | District/area | No |
| Colombo <sup>[1]</sup>                                       | 1  | Matara        | 1  | Monaragala    | 1  |
| Kalutara <sup>[2]</sup>                                      | 2  | Jaffna        | 1  | Ratnapura     | 1  |
| Hambantota   | 1  | Kilinochchi   | 1  |               |    |
|  |    |               |    |               |    |
|  |    |               |    |               |    |

<sup>[1]</sup> Excluding Colombo Municipal Council (CMC) area

<sup>[2]</sup> Excluding National Institute of Health Sciences (NIHS) area

**KEY ACTIVITIES CONDUCTED DURING WEEK 20 AT NATIONAL LEVEL**

- Comprehensive review of the national dengue control programme with WHO technical and financial support was carried out from 13<sup>th</sup> to 20<sup>th</sup> May 2024.
- Continued close monitoring of disease trend at MOH division level is ongoing.
- A Special Mosquito Control Week is planned on 17 districts, targeting 71 high-risk MOH areas from 26<sup>th</sup> May to 1<sup>st</sup> of June.