



WEEKLY DENGUE UPDATE

Week 52 (23rd – 29th December 2024)

National Dengue Control Unit, Ministry of Health

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Week
52

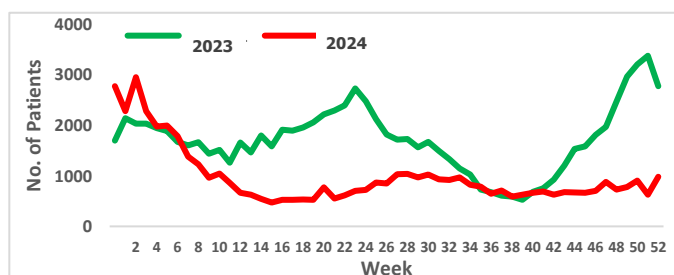
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DENGUE CASE REPORTING

During 52nd week, 979 suspected dengue cases were reported in 25 districts in comparison to 627 in 25 districts during the 51st week. There is 56.1% increase in 52nd week, compared to the previous week*. Of all reported cases, 48.0% were from Western Province [Colombo Municipal Council – 12.6%, rest of the Colombo District – 17.9%, Gampaha District – 14.5% and Kalutara District – 3.1%]. Jaffna [9.2%], Ratnapura [6.7%], Kandy [6.0%], Batticaloa [4.2%], Kegalle [4.1%] and Hambantota [4.0%] districts also have reported higher number of cases (Table 1).

** Delayed reporting due to a technical issue in the NaDSys is partially responsible for this increase. Therefore, will not be a reflection of a true rise.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2023 and 2024



Source: DenSys and NaDSys – Dengue Surveillance Systems

HIGH RISK MOH AREAS (Table 2)

During 52nd week, 25 MOH areas were flagged as high-risk. Of them 14 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 11 MOH areas in both 51st and 52nd weeks.

Mawanella, Rambukkana, Rathnapura MC, Hambantota, Dehiwala, Homagama, Attanagalla, Gampaha, and Ragama newly flagged as high-risk MOH areas in the 52nd week. Kolonnawa, Negombo, Mannar and Point Pedro MOH areas flagged as high-risk in the 51st week, were not flagged in the current week.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

** After updated with delayed reporting from hospitals, average midnight total for the 51st week shows an increase from 309 to 336.*

In the 52nd week average midnight total of dengue patients in selected 74 hospitals was 365. In 27 hospitals, the average midnight total has increased and in 16 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 52nd week are illustrated in Table 3.

Table 1: Reported dengue cases in week 52 and 51 of 2024

| District/ RDHS | No. of cases | | | | | |
|-------------------|--------------|-------------|--------------|-------------|---------------|--------------|
| | 2023 Week | | 2024 Week | | Up to Week 52 | |
| | 51 | 52 | 51 | 52 | 2023 | 2024 |
| Colombo | 706 | 554 | 142 | 298 | 18911 | 12382 |
| Gampaha | 266 | 181 | 120 | 142 | 16127 | 6132 |
| Kalutara | 122 | 63 | 38 | 30 | 5198 | 2624 |
| Kandy | 370 | 248 | 44 | 59 | 9291 | 4176 |
| Matale | 74 | 67 | 3 | 26 | 1918 | 840 |
| Nuwara Eliya | 19 | 12 | 1 | 5 | 306 | 185 |
| Galle | 160 | 99 | 19 | 12 | 4029 | 2193 |
| Hambantota | 28 | 40 | 3 | 39 | 1357 | 648 |
| Matara | 15 | 17 | 26 | 18 | 1666 | 966 |
| Jaffna | 687 | 582 | 58 | 90 | 4300 | 4543 |
| Kilinochchi | 20 | 10 | 1 | 3 | 137 | 248 |
| Mannar | 21 | 37 | 18 | 2 | 223 | 275 |
| Vavuniya | 17 | 10 | 4 | Nil | 174 | 113 |
| Mullaitivu | 5 | 16 | 1 | 1 | 171 | 143 |
| Batticaloa | 124 | 148 | 29 | 41 | 2980 | 1542 |
| Ampara | 6 | 4 | 1 | 1 | 242 | 193 |
| Trincomalee | 31 | 29 | 23 | 10 | 2150 | 684 |
| Kalmunai* | 43 | 46 | 4 | 14 | 1813 | 656 |
| Kurunegala | 134 | 151 | 7 | 16 | 3641 | 1803 |
| Puttalam | 90 | 106 | 18 | 10 | 4114 | 1264 |
| Anuradhapura | 41 | 24 | 9 | 10 | 768 | 486 |
| Polonnaruwa | 12 | 9 | 1 | 10 | 620 | 344 |
| Badulla | 137 | 103 | 15 | 21 | 1863 | 739 |
| Monaragala | 23 | 31 | 5 | 15 | 710 | 889 |
| Ratnapura | 87 | 73 | 23 | 66 | 3387 | 3039 |
| Kegalle | 137 | 110 | 14 | 40 | 3703 | 1790 |
| Total | 3375 | 2770 | 627 | *979 | 89799 | 48897 |

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.

** Due to a technical issue of the NaDSys, some notifications in the 51st week could not be entered, and they were reflected as notifications in this week (52nd).*

Table 2: High risk MOH areas (25)

| MOH Area | Cases reported | |
|--------------------------|----------------|---------|
| | Week 51 | Week 52 |
| WESTERN PROVINCE | | |
| Colombo District | | |
| CMC | 81 | 123 |
| Battaramulla | 11 | 13 |
| Kaduwela | 20 | 20 |
| Maharagama | 10 | 11 |
| Dehiwala | 2 | 12 |
| Gothatuwa | 24 | 17 |
| Nugegoda | 12 | 12 |
| Homagama | 8 | 19 |
| Gampaha District | | |
| NORTHERN PROVINCE | | |
| Jaffna RDHS | | |
| Jaffna | 14 | 20 |
| Kopay | 18 | 14 |
| SOUTHERN PROVINCE | | |
| Hambantota RDHS | | |
| Hambantota | 4 | 13 |

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 52

| Hospital | Average Midnight Total | | |
|---------------|------------------------|---------|--------|
| | Week 51 | Week 52 | Change |
| NHSL | 51 | 62 | ↑ |
| NIID | 28 | 27 | ↓ |
| TH-Col-South | 16 | 24 | ↑ |
| LRH | 18 | 19 | ↑ |
| TH-Col-North | 22 | 15 | ↓ |
| TH-Karapitiya | 15 | 15 | - |
| DGH- Negombo | 20 | 14 | ↓ |
| TH-Ratnapura | 14 | 14 | - |
| DGH- Matara | 10 | 11 | ↑ |

Table 4: Dengue related deaths

| | 2023 | 2024 | | 2023 | 2024 |
|-----------------|------|------|--------------------|-------|-------|
| Reported Deaths | 62 | 23 | Case Fatality Rate | 0.07% | 0.05% |

| Deaths reported in 2024 [Age & Sex] | | | | | |
|-------------------------------------|------|--------|------------------|----------|-----------|
| Age Group (Yrs.) | Male | Female | Age Group (Yrs.) | Male | Female |
| Less than 01 | - | - | 35 - 44 | - | 5 |
| 01 - 04 | - | 2 | 45 - 54 | - | 2 |
| 05 - 14 | 2 | - | 55 - 64 | - | 1 |
| 15 - 24 | - | 4 | 65 & above | - | 1 |
| 25 - 34 | 1 | 5 | Total | 3 | 20 |

| Deaths reported in 2024 [Districts/ Admin area] [Provisional] | | | | | |
|---|----|----------------|----|----------------|----|
| District/ area | No | District/ area | No | District/ area | No |
| Colombo ^[1] | 4 | Matara | 2 | Monaragala | 1 |
| Kalutara ^[2] | 2 | Jaffna | 1 | Ratnapura | 2 |
| Hambantota | 2 | Kilinochchi | 1 | Galle | 2 |
| Gampaha | 4 | Kandy | 1 | Ampara | 1 |
| | | | | | |
| | | | | | |

^[1] Excluding Colombo Municipal Council (CMC) area
^[2] Excluding National Institute of Health Sciences (NIHS) area

