



# WEEKLY DENGUE UPDATE



Week 25 (17<sup>th</sup> – 23<sup>rd</sup> June 2024)

National Dengue Control Unit, Ministry of Health

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Week  
25

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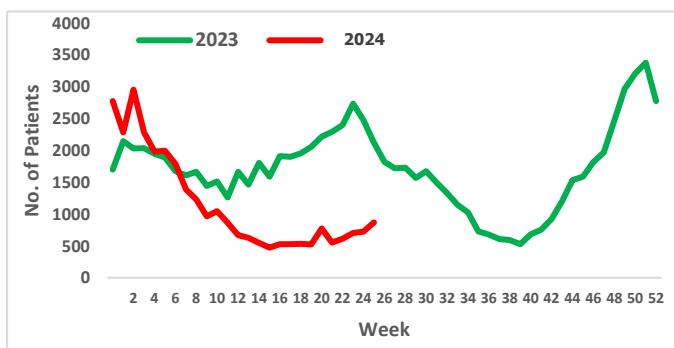
Twenty-fifth week envisaged further rising of dengue case reporting where an upward trend observed since 16<sup>th</sup> week of this year (i.e. 15<sup>th</sup> – 21<sup>st</sup> April 2024).

Based on the current trend of case reporting and the projected weather patterns in the upcoming weeks, more cases can be expected, particularly from the Colombo (including Colombo Municipal Council area), Gampaha, Kalutara, Ratnapura, Kegalle, Kandy and Galle districts. However, this increase is not expected to be as high as in 2023.

## DENGUE CASE REPORTING

During 25<sup>th</sup> week, 870 suspected dengue cases were reported in 22 districts in comparison to 722, in 22 districts during the 24<sup>th</sup> week. There is 20.5% increase in 25<sup>th</sup> week, compared to the previous week. Of all reported cases, 53.8% were from Western Province [Colombo Municipal Council – 13.4%, rest of the Colombo District – 18.5%, Gampaha District – 12.3% and Kalutara District – 9.5%]. Ratnapura [9.9%], Kandy [8.6%], Galle [5.2%], Kurunegala [4.6%] and Kegalle [3.6%] 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 25<sup>th</sup> week, 15 MOH areas were flagged as high-risk. Of them 11 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 10 MOH areas in both 24<sup>th</sup> and 25<sup>th</sup> weeks.

Warakapola, Rathnapura MC, Kaduwela, Ja-Ela, Seeduwa and Kalutara MOH areas were newly flagged as high-risk MOH areas in the 25<sup>th</sup> week. Pelmadulla, Kuruvita, Nugegoda and Attanagalla MOH areas flagged as high-risk in the 24<sup>th</sup> week were not flagged in the current week.

Table 1: Reported dengue cases in week 25 and 24 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 25	
	24	25	24	25		
Colombo	543	457	194	278	10228	6075
Gampaha	518	409	100	107	10555	2674
Kalutara	167	146	37	83	3059	1491
Kandy	237	223	78	75	2930	2135
Matale	32	44	8	15	753	282
Nuwara Eliya	15	7	4	5	110	93
Galle	81	101	23	45	1490	1273
Hambantota	60	54	2	2	845	339
Matara	63	50	2	6	840	402
Jaffna	44	19	24	12	1491	3956
Kilinochchi	5	3	Nil	Nil	65	213
Mannar	1	1	Nil	Nil	77	140
Vavuniya	1	3	Nil	Nil	106	63
Mullaitivu	9	4	Nil	Nil	104	121
Batticaloa	94	67	19	12	1902	1070
Amara	5	6	1	3	124	111
Trincomalee	59	58	8	11	1793	450
Kalmunai*	32	22	5	10	1441	473
Kurunegala	90	95	27	40	1728	1221
Puttalam	36	42	13	15	2662	734
Anuradhapura	37	23	5	2	452	266
Polonnaruwa	22	10	6	5	388	175
Badulla	22	22	18	15	562	428
Monaragala	19	8	19	12	279	421
Ratnapura	139	136	96	86	1859	1613
Kegalle	146	110	33	31	1889	1172
<b>Total</b>	<b>2477</b>	<b>2120</b>	<b>722</b>	<b>870</b>	<b>47732</b>	<b>27391</b>

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

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

■ Districts reporting higher number of cases.

**Table 2: High risk MOH areas (15)**

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 24	Week 25		Week 24	Week 25		Week 24	Week 25
<b>WESTERN PROVINCE</b>			Maharagama	17	14	Seeduwa	4	11
Colombo District			Kaduwela	10	15	<b>Kalutara District</b>		
CMC	101	102	<b>Gampaha District</b>			Kalutara	5	13
Battaramulla	12	12	Biyagama	17	17	<b>CENTRAL PROVINCE</b>		
Gothatuwa	19	30	Kelaniya	10	12	<b>Kandy District</b>		
Dehiwala	17	18	Ja-Ela	5	10	MC Kandy	15	20

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 25**

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 24	Week 25	Change		Week 24	Week 25	Change		Week 24	Week 25	Change
NHSL	31	32	↑	TH-Peradeniya	5	8	↑	DGH- Gampaha	4	5	↑
NIID	17	26	↑	TH- Kalutara	4	8	↑	DGH- Kegalle	5	5	-
TH- Ratnapura	17	22	↑	BH- Panadura	4	7	↑	DGH- Embilipitiya	4	5	↑
NH- Kandy	20	20	-	BH- Kahawatta	5	7	↑	BH- Kiribathgoda	4	4	-
TH- Col- South	18	19	↑	DGH- Avissawella	4	6	↑	BH- Wathupitiwala	7	4	↓
LRH	12	17	↑	DGH- Matara	5	6	↓	DGH- Moneragala	4	4	-
TH- Col- North	11	14	↑	BH- Warakapola	3	5	↑				
DGH- Negombo	5	11	↑	BH- Mawanella	7	5	↓				
TH- Karapitiya	5	9	↑	PGH- Badulla	4	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	Total	1	8

#### Deaths reported in 2024 [Districts/Admin area] [Provisional]

District/ area	No	District/ area	No	District/ area	No
Colombo [1]	1	Matara	1	Monaragala	1
Kalutara [2]	2	Jaffna	1	Ratnapura	1
Hambantota	1	Kilinochchi	1		

[1] Excluding Colombo Municipal Council (CMC) area

[2] Excluding National Institute of Health Sciences (NIHS) area

#### KEY ACTIVITIES CONDUCTED DURING WEEK 25 AT NATIONAL LEVEL

- Pro-active Outbreak Response monthly meeting was held to Provide Guidance on the Control and Prevention of Dengue in Western, Central, Eastern and Northern Provinces.
- Continued close monitoring of disease trend at MOH division level is ongoing.

#### MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

\* After updated with delayed reporting from hospitals, average midnight total for the 24<sup>th</sup> week shows an increase from 262 to 264.

In the 25<sup>th</sup> week average midnight total of dengue patients in selected 74 hospitals was 307. In 31 hospitals, the average midnight total has increased and in 9 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 25<sup>th</sup> week are illustrated in Table 3.