



# WEEKLY DENGUE UPDATE



Week 21 (20<sup>th</sup>– 26<sup>th</sup> May 2024)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



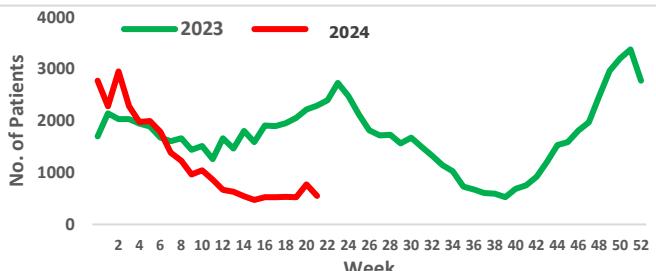
Week  
21

Year: 2024    Volume: 04    Issue: 21

## DENGUE CASE REPORTING

During 21<sup>st</sup> week, 550 suspected dengue cases were reported in 22 districts in comparison to 770, in 22 districts during the 20<sup>th</sup> week. There is 28.6% decrease in 21<sup>st</sup> week, compared to the previous week. Of all reported cases, 40.0% were from Western Province [Colombo Municipal Council – 6.0%, rest of the Colombo District – 17.6%, Gampaha District – 11.1% and Kalutara District – 5.3%]. Ratnapura [16.9%], Kandy [10.9%], Kurunegala [6.2%] and Galle [4.9%] 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 21<sup>st</sup> week, 13 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 20<sup>th</sup> and 21<sup>st</sup> weeks.

Warakapola, Rathnapura, Gothatuwa, Kaduwela, Maharagama and Biyagama MOH areas were newly flagged as high-risk areas in the 21<sup>st</sup> week. Menikhinna and Kelaniya MOH areas were flagged as high-risk in the 20<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 20<sup>th</sup> week shows an increase from 256 to 257.*

In the 21<sup>st</sup> week average midnight total of dengue patients in selected 74 hospitals was 221. In 18 hospitals, the average midnight total has increased and in 23 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 21<sup>st</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 21 and 20 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 21	
	20	21	20	21		
Colombo	510	513	166	130	8014	5244
Gampaha	473	469	81	61	8527	2293
Kalutara	185	196	33	29	2352	1282
Kandy	174	227	86	60	2004	1844
Matale	29	46	7	5	589	250
Nuwara Eliya	8	9	2	1	74	76
Galle	85	93	31	27	1162	1156
Hambantota	42	43	2	1	612	331
Matara	43	45	18	6	639	375
Jaffna	56	44	5	8	1323	3887
Kilinochchi	2	1	Nil	Nil	52	213
Mannar	5	5	Nil	Nil	66	138
Vavuniya	4	4	Nil	Nil	91	60
Mullaitivu	9	1	Nil	Nil	72	121
Batticaloa	57	85	21	18	1598	1014
Amprara	12	9	1	7	104	101
Trincomalee	80	64	12	5	1520	415
Kalmunai*	22	29	6	9	1338	443
Kurunegala	77	94	60	34	1314	1090
Puttalam	65	42	15	12	2489	692
Anuradhapura	19	37	2	7	306	245
Polonnaruwa	21	19	7	5	307	158
Badulla	13	20	9	3	476	384
Monaragala	19	10	4	9	214	360
Ratnapura	109	100	148	93	1330	1272
Kegalle	96	84	54	20	1436	1037
<b>Total</b>	<b>2215</b>	<b>2289</b>	<b>770</b>	<b>550</b>	<b>38009</b>	<b>24481</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 (13)**

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 20	Week 21		Week 20	Week 21		Week 20	Week 21		Week 20	Week 21
<b>WESTERN PROVINCE</b>			Maharagama	6	10	<b>SABARAGAMUWA PROVINCE</b>					
Colombo District			Gampaha District			Rathnapura District			Kegalle District		
CMC	45	41	Biyagama	10	15	MC Rathnapura	4	10	Warakapola	5	11
Ratmalana	11	10	<b>CENTRAL PROVINCE</b>			Eheliyagoda	31	18	<b>NORTH WESTERN PROVINCE</b>		
Gothatuwa	7	10	Kandy District			Kiriella	18	11	Kurunegala District		
Kaduwela	6	11	MC Kandy	17	12	Kuruvita	21	11	Katupotha	20	15

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 21**

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 20	Week 21	Change		Week 20	Week 21	Change		Week 20	Week 21	Change
NHSL	21	16	↓	TH-Col-North	12	6	↓	DGH- Negombo	3	4	↑
TH-Ratnapura	18	16	↓	BH- Kiribathgoda	4	6	↑	BH- Panadura	7	4	↓
NH-Kandy	19	15	↓	DGH- Kegalle	6	6	-	TH- Kalutara	6	4	↓
TH-Col-South	16	15	↓	DGH- Matara	5	6	↑	BH- Nikaweratiya	4	4	-
NIID	18	14	↓	DGH- Avissawella	9	5	↓	BH- Eheliyagoda	5	3	↓
LRH	11	13	↑	DGH- Gampaha	4	5	↑				
BH- Mawanella	5	7	↑	BH- Point Pedro	9	5	↓				
TH-Karapitiya	9	7	↓	BH- Kahawatta	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	Total	1	8

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 21 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 in 15 districts (including Colombo Municipal Council area and National Institute of Health Sciences area), targeting 71 high-risk MOH areas from 26<sup>th</sup> May to 1<sup>st</sup> of June.