



# WEEKLY DENGUE UPDATE

Week 47 (18<sup>th</sup>– 24<sup>th</sup> November 2024)

National Dengue Control Unit, Ministry of Health

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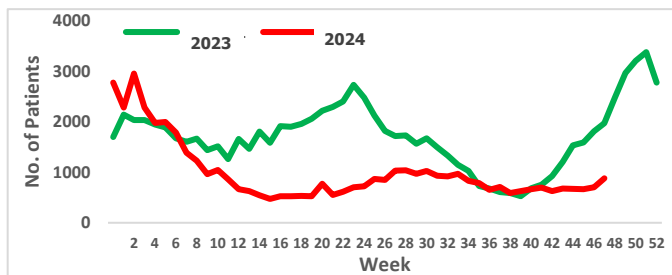
Week  
47

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## DENGUE CASE REPORTING

During 47<sup>th</sup> week, 880 suspected dengue cases were reported in 23 districts in comparison to 701 in 23 districts during the 46<sup>th</sup> week. There is 25.5% increase in 47<sup>th</sup> week, compared to the previous week. Of all reported cases, 44.9% were from Western Province [Colombo Municipal Council – 8.5%, rest of the Colombo District – 15.2%, Gampaha District – 17.2% and Kalutara District – 4.0%]. Kandy [9.1%], Ratnapura [6.6%], Monaragala [6.6%], Galle [5.8%], and Jaffna [3.9%] 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 47<sup>th</sup> week, 20 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 10 MOH areas in both 46<sup>th</sup> and 47<sup>th</sup> weeks.

Kalpitiya, Kopay, Mawanella, Rathnapura MC, Madulla, Kaduwela, Kolonnawa, Maharagama, Rathmalana and Negombo newly flagged as high-risk MOH areas in the 47<sup>th</sup> week. Kelaniya and Jaffna MOH areas flagged as high-risk in the 46<sup>th</sup> 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 46<sup>th</sup> week shows an increase from 266 to 270.

In the 47<sup>th</sup> week average midnight total of dengue patients in selected 74 hospitals was 280. In 21 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 47<sup>th</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 47 and 46 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 47	
	46	47	46	47	2023	2024
Colombo	433	359	198	209	15868	11287
Gampaha	233	253	121	151	14865	5492
Kalutara	70	67	26	35	4656	2454
Kandy	320	334	54	80	7449	3891
Matale	40	118	15	30	1645	714
Nuwara Eliya	16	11	2	2	220	176
Galle	155	158	27	51	3358	2037
Hambantota	32	11	11	6	1189	559
Matara	29	56	13	15	1535	878
Jaffna	Nil	35	22	34	2045	4254
Kilinochchi	1	3	3	Nil	85	239
Mannar	5	Nil	7	5	102	249
Vavuniya	Nil	Nil	Nil	Nil	128	106
Mullaitivu	5	Nil	Nil	Nil	129	140
Batticaloa	24	45	9	14	2427	1382
Ampara	3	4	Nil	2	209	179
Trincomalee	11	9	22	11	2022	614
Kalmunai*	8	7	8	6	1645	618
Kurunegala	110	113	18	17	2923	1739
Puttalam	105	108	40	22	3500	1150
Anuradhapura	13	9	7	9	620	412
Polonnaruwa	1	1	9	13	518	314
Badulla	10	113	7	18	1154	665
Monaragala	26	13	27	58	572	813
Ratnapura	68	74	42	58	3009	2826
Kegalle	80	68	12	29	3142	1692
<b>Total</b>	<b>1798</b>	<b>1969</b>	<b>701</b>	<b>880</b>	<b>75015</b>	<b>44880</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 (20)**

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 46	Week 47		Week 46	Week 47		Week 46	Week 47		Week 46	Week 47
<b>WESTERN PROVINCE</b>			Biyagama			Monaragala RDHS			RDHS Puttalam		
Colombo District			Negombo			Siyambalanduwa			Kalpitiya		
CMC	96	75	Wattala			Madulla			<b>SABARAGAMUWA PROVINCE</b>		
Gothatuwa	12	12	Mahara			<b>NORTHERN PROVINCE</b>			Kegalle RDHS		
Homagama	13	10	<b>CENTRAL PROVINCE</b>			Jaffna RDHS			Mawanella		
Kaduwela	10	13	Kandy RDHS			Kopay			Rathnapura RDHS		
Kolonnawa	6	10	MC Kandy			<b>SOUTHERN PROVINCE</b>			MC Rathnapura		
Maharagama	10	11	Matale RDHS			Galle RDHS					
Rathmalana	4	11	Matale			MC Galle					
Gampaha District			<b>UVA PROVINCE</b>			<b>NORTH WESTERN PROVINCE</b>					

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 47**

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 46	Week 47	Change		Week 46	Week 47	Change		Week 46	Week 47	Change
NHSL	38	39	↑	TH-Peradeniya	8	9	↑	TH- Kalutara	3	5	↑
NIID	18	22	↑	DGH-Matale	7	9	↑	DGH-Moneragala	2	5	↑
TH-Col-South	17	18	↑	DGH- Matara	9	8	↓	BH- Panadura	5	4	↓
NH-Kandy	11	16	↑	TH-Karapitiya	9	6	↓	BH- Mawanella	6	4	↓
LRH	15	15	-	DGH- Gampaha	6	6	-	PGH-Badulla	5	4	↓
TH-Rathnapura	15	14	↓	BH- Wathupitiwala	2	6	↑	BH Muttur	4	4	-
TH-Col-North	14	14	-	BH-Kahawatta	2	5	↑				
DGH- Negombo	10	13	↑	BH- Kiribathgoda	4	5	↑				

**Table 4: Dengue related deaths**

	2023	2024		2023	2024
Reported Deaths	62	22	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	4	<b>Total</b>	<b>3</b>	<b>19</b>

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

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

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

