



# WEEKLY DENGUE UPDATE

Week 07 (12<sup>th</sup> - 18<sup>th</sup> February 2024)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



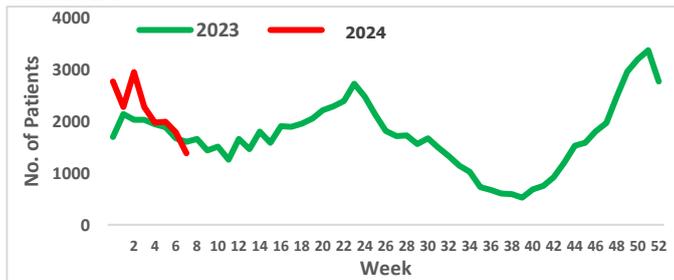
Week  
**07**

Year: 2024 Volume: 04 Issue: 07

## DENGUE CASE REPORTING

During 7<sup>th</sup> week, 1383 suspected dengue cases were reported in 25 districts in comparison to 1787, in 26 districts during the 6<sup>th</sup> week. There is 22.6% decrease in 7<sup>th</sup> week, compared to the previous week. Of all reported cases, 39.3% were from Western Province [Colombo Municipal Council – 4.3%, rest of the Colombo District – 18.8%, Gampaha District – 11.3% and Kalutara District – 4.9%]. Jaffna [18.4%], Kandy [5.6%], Kurunegala [5.2%], Ratnapura [5.0%], Batticaloa [3.8%], Galle [3.5%] and Kegalle [3.5%] 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 7<sup>th</sup> week, 24 MOH areas were flagged as high-risk. Of them, 6 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 20 MOH areas in both 6<sup>th</sup> and 7<sup>th</sup> weeks.

The MOH areas that were newly flagged as high-risk areas in 7<sup>th</sup> week are Nallur, Mawanella, Piliyandala and Dehiwala. The MOH areas that were flagged as high-risk in 6<sup>th</sup> week and not flagged for the current week are; Chenkalady, Eravur, Egoda Uyana, Mirigama, Negombo, Gampola, Habaraduwa, and Galenbindunuwewa.

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

\* After updated with delayed reporting from hospitals, average midnight total for the 6<sup>th</sup> week shows a decrease from 529 to 528.

In 7<sup>th</sup> week average midnight total of dengue patients in selected 74 hospitals was 464. In 12 hospitals, the average midnight total has increased and in 35 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 7<sup>th</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 7 and 6 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 07	
	06	07	06	07	2023	2024
Colombo	364	364	345	320	2874	3118
Gampaha	335	388	171	156	2872	1249
Kalutara	111	97	83	68	786	588
Kandy	64	52	99	77	523	986
Matale	20	21	17	11	162	138
Nuwara Eliya	4	5	18	5	19	47
Galle	39	17	97	48	297	692
Hambantota	30	16	24	17	128	151
Matara	38	24	26	13	227	163
Jaffna	64	54	280	255	593	3125
Kilinochchi	2	3	22	10	26	158
Mannar	1	Nil	15	Nil	27	109
Vavuniya	5	4	8	3	18	50
Mullaitivu	Nil	1	9	7	36	101
Batticaloa	59	49	81	52	316	628
Ampara	9	1	14	7	21	54
Trincomalee	34	62	41	31	249	210
Kalmunai*	86	73	44	23	780	274
Kurunegala	61	61	94	72	466	662
Puttalam	150	147	42	37	1533	481
Anuradhapura	8	11	45	15	88	125
Polonnaruwa	9	10	18	7	104	77
Badulla	32	26	22	12	226	287
Monaragala	14	9	30	20	82	189
Ratnapura	76	51	65	69	399	462
Kegalle	57	58	77	48	461	522
<b>Total</b>	<b>1672</b>	<b>1604</b>	<b>1787</b>	<b>1383</b>	<b>13313</b>	<b>14646</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 (24)**

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 06	Week 07		Week 06	Week 07		Week 06	Week 07		Week 06	Week 07
WESTERN PROVINCE			Piliyandala	8	14	Jaffna District			Uduvil	31	24
Colombo District			Rathmalana	19	13	Point Pedro	21	25	EASTERN PROVINCE		
CMC	102	89	Gampaha District			Chavakachcheri	40	29	Batticaloa District		
Dehiwala	9	17	Biyagama	25	16	MC Jaffna	54	33	Batticaloa	16	13
Gothatuwa	20	12	Kelaniya	22	14	Karaveddy	22	19	SABARAGAMUWA PROVINCE		
Kaduwela	18	18	Mahara	26	12	Kopay	25	14	Kegalle District		
Kolonnawa	15	11	Kalutara District			Nallur	9	12	Mawanela	9	12
Maharagama	17	22	Panadura	17	13	Sandilipay	25	11			
Nugegoda	22	14	NORTHERN PROVINCE			Tellippalai	23	14			

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 07**

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 6	Week 7	Change		Week 6	Week 7	Change		Week 6	Week 7	Change
NHSL	37	35	↓	BH- Panadura	12	10	↓	TH-Kurunegala	5	5	-
TH-Col-South	23	32	↑	DGH- Matara	8	9	↑	BH-Balapitiya	5	5	-
NIID	31	28	↓	PGH-Badulla	18	9	↓	DGH-Moneragala	4	5	↑
TH-Jaffna	27	27	-	TH-Batticaloa	11	8	↓	DGH- Embilipitiya	6	5	↓
TH-Karapitiya	24	24	-	BH- Kiribathgoda	8	8	-	BH-Dambulla	5	5	-
BH-Point Pedro	26	23	↓	TH-Peradeniya	13	8	↓	DGH-Trincomalee	6	5	↓
TH-Ratnapura	20	21	↑	BH- Mawanella	9	7	↓	DGH-Avissawella	3	5	↑
LRH	21	17	↓	TH-Anuradhapura	7	7	-	DGH-Ampara	4	4	-
NH-Kandy	15	15	-	BH- Warakapola	9	7	↓	BH-Marawila	4	4	-
DGH- Negombo	16	14	↓	TH- Kalutara	7	7	-	DGH- Horana	7	4	↓
DGH-Kegalle	11	12	↑	BH-Dambadeniya	8	7	↓	BH-Balangoda	2	4	↑
TH-Col-North	16	12	↓	BH-Puttalam	10	7	↓				
DGH- Gampaha	11	11	-	BH-Kahawatta	4	6	↑				

**Table 4: Dengue related deaths**

	2023	2024		2023	2024
Reported Deaths	62	04	Case Fatality Rate	0.07%	0.03%

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

Deaths reported in 2024 [Districts/Admin area] [Provisional]					
District/area	No	District/area	No	District/area	No
Kalutara <sup>[1]</sup>	1	Kilinochchi	1	Monaragala	1
Jaffna	1				

<sup>[1]</sup> Excluding National Institute of Health Sciences (NIHS) area

**KEY ACTIVITIES CONDUCTED DURING WEEK 07 AT NATIONAL LEVEL**

- Expert committee meeting chaired by Honorable State Minister of Health was held to discuss the current dengue situation in the Jaffna District, other issues related to dengue prevention and control in Sri Lanka.
- A team from the National Dengue Control Unit including Consultant Community Physician, Medical Officers and Entomologist made a supervisory visit to the Jaffna district mainly focusing on the high-risk MOH areas.
- A training programme was held in the Jaffna district to educate all Medical Officers of Health, Supervisory Public Health Inspectors, and Public Health Inspectors from selected high-risk areas and other relevant staff about the importance of entomology surveys in controlling dengue. The training emphasized the significance of timely reporting of entomological surveillance data, interpreting entomological data and indices to predict and monitor local dengue outbreaks, and applying suitable vector control methods based on the findings of those surveys.