



# WEEKLY DENGUE UPDATE

Week 11 (11<sup>th</sup>– 17<sup>th</sup> March 2024)

National Dengue Control Unit, Ministry of Health

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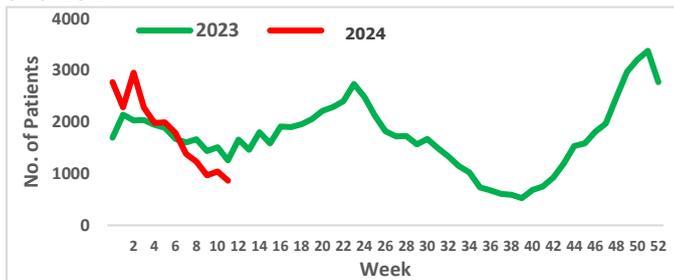
Week  
**11**

Year: 2024 Volume: 04 Issue: 11

## DENGUE CASE REPORTING

During 11<sup>th</sup> week, 863 suspected dengue cases were reported in 26 districts in comparison to 1042, in 26 districts during the 10<sup>th</sup> week. There is 17.2% decrease in 11<sup>th</sup> week, compared to the previous week. Of all reported cases, 42.5% were from Western Province [Colombo Municipal Council – 2.8%, rest of the Colombo District – 17.5%, Gampaha District – 11.9% and Kalutara District – 10.3%]. Jaffna [8.3%], Ratnapura [5.8%], Kurunegala [5.2%], Kandy [5.2%], Batticaloa [5.1%], Galle [4.5%], and Kegalle [4.3%] 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 11<sup>th</sup> week, 10 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 7 MOH areas in both 10<sup>th</sup> and 11<sup>th</sup> weeks.

The MOH areas that were newly flagged as high-risk areas in 11<sup>th</sup> week are Pitakotte, Biyagama, Gampaha, Kelaniya and Panadura. The MOH areas that were flagged as high-risk in 10<sup>th</sup> week and not flagged for the current week are Karaveddy, Gothatuwa, Nugegoda and Attanagalla.

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

\* After updated with delayed reporting from hospitals, average midnight total for the 10<sup>th</sup> week shows an increase from 330 to 332.

In 11<sup>th</sup> week average midnight total of dengue patients in selected 74 hospitals was 287. In 15 hospitals, the average midnight total has increased and in 32 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 11<sup>th</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 11 and 10 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 11	
	10	11	10	11	2023	2024
Colombo	336	238	206	175	4156	4026
Gampaha	360	305	113	103	4266	1659
Kalutara	88	73	100	89	1124	882
Kandy	56	63	56	45	767	1228
Matale	16	19	9	7	232	178
Nuwara Eliya	1	Nil	5	4	26	63
Galle	59	47	49	39	491	897
Hambantota	14	20	17	17	202	228
Matara	21	29	31	10	347	242
Jaffna	51	54	106	72	793	3585
Kilinochchi	5	3	11	6	38	190
Mannar	3	Nil	4	2	34	122
Vavuniya	4	8	2	4	46	58
Mullaitivu	2	Nil	4	3	40	116
Batticaloa	66	52	67	44	575	836
Ampara	3	2	5	7	32	76
Trincomalee	50	41	9	23	444	288
Kalmunai*	37	36	25	23	957	363
Kurunegala	52	53	44	45	683	847
Puttalam	108	63	30	13	1925	568
Anuradhapura	21	12	10	14	135	208
Polonnaruwa	7	12	8	11	147	108
Badulla	31	18	10	6	308	327
Monaragala	3	6	23	14	109	282
Ratnapura	51	50	61	50	637	675
Kegalle	66	55	37	37	670	693
<b>Total</b>	<b>1511</b>	<b>1259</b>	<b>1042</b>	<b>863</b>	<b>19184</b>	<b>18745</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 (10)**

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 10	Week 11		Week 10	Week 11		Week 10	Week 11		Week 10	Week 11
WESTERN PROVINCE			Kaduwela	16	11	Biyagama	12	17	Panadura	8	12
Colombo District			Maharagama	17	12	Gampaha	6	18	NORTHERN PROVINCE		
CMC	42	29	Pitakotte	9	14	Kelaniya	3	11	Jaffna District		
Battaramulla	13	15	Gampaha District			Kalutara District			Chavakachcheri	17	10

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 11**

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 10	Week 11	Change		Week 10	Week 11	Change		Week 10	Week 11	Change
NHSL	22	20	↓	DGH-Kegalle	9	8	↓	DGH-Avissawella	4	5	↑
NIID	20	17	↓	LRH	11	8	↓	BH- Kiribathgoda	5	5	-
TH-Col-South	21	15	↓	TH-Batticaloa	7	8	↓	DGH- Embilipitiya	5	5	-
TH-Ratnapura	16	13	↓	TH- Kalutara	8	8	-	DGH- Horana	4	5	↑
NH-Kandy	13	12	↓	TH-Kurunegala	4	8	↑	BH-Balapitiya	5	4	↓
TH-Col-North	14	12	↓	BH- Panadura	5	6	↑	BH- Wathupitiwala	8	4	↓
TH-Karapitiya	9	11	↑	DGH- Gampaha	5	6	↑	DGH-Mannar	2	4	↑
BH-Point Pedro	14	10	↓	BH- Mawanella	6	6	-	BH-Nikaweratiya	4	4	-
DGH- Negombo	12	9	↓	DGH- Matara	8	6	↓				

**Table 4: Dengue related deaths**

	2023	2024		2023	2024
Reported Deaths	62	07	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	-	1	45 - 54	-	-
05 - 14	-	-	55 - 64	-	-
15 - 24	-	1	65 & above	-	-
25 - 34	1	2	<b>Total</b>	<b>1</b>	<b>6</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	Matara	1	Colombo <sup>[2]</sup>	1
Hambantota	1				

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

<sup>[2]</sup> Excluding Colombo Municipal Council (CMC) area

**KEY ACTIVITIES CONDUCTED DURING WEEK 11 AT NATIONAL LEVEL**

Expert Committee to Provide Guidance on the Control of the Spread of COVID-19 and Dengue in Sri Lanka, chaired by Hon. State Minister of Health discussed in detail the Western Province action plan for the prevention and control of dengue in 2024.

Intensive training programme for Medical Registrars on Dengue clinical management was conducted at NIID.