



# WEEKLY DENGUE UPDATE

Week 14 (1<sup>st</sup> – 7<sup>th</sup> April 2024)

National Dengue Control Unit, Ministry of Health

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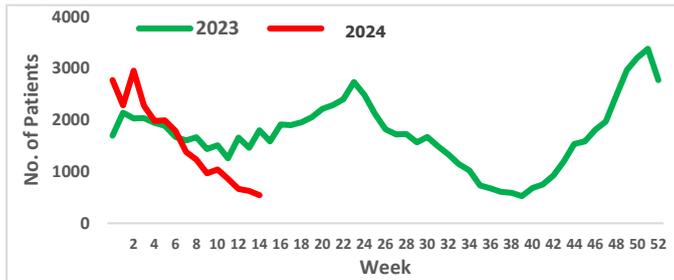
Week  
**14**

Year: 2024 Volume: 04 Issue: 14

## DENGUE CASE REPORTING

During 14<sup>th</sup> week, 544 suspected dengue cases were reported in 24 districts in comparison to 628, in 25 districts during the 13<sup>th</sup> week. There is 13.4% decrease in 14<sup>th</sup> week, compared to the previous week. Of all reported cases, 43.8% were from Western Province [Colombo Municipal Council – 4.8%, rest of the Colombo District – 16.0%, Gampaha District – 13.1% and Kalutara District – 9.9%]. Kandy [9.2%], Ratnapura [8.6%], Jaffna [6.3%], Galle [4.6%], Kurunegala [4.0%], Kegalle [3.5%] and Batticaloa [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 13<sup>th</sup> week, 3 MOH areas were flagged as high-risk. Of them, Maharagama MOH area showed rising number than it's respective number in previous week. Persistently high number of patients are observed in CMC and Biyagama area in both 13<sup>th</sup> and 14<sup>th</sup> weeks.

The Maharagama MOH area was newly flagged as high-risk areas in 14<sup>th</sup> week. Kaduwela MOH area was flagged as high-risk in 13<sup>th</sup> week and not flagged for the current week.

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

\* After updated with delayed reporting from hospitals, average midnight total for the 13<sup>th</sup> week shows a decrease from 260 to 228.

In 14<sup>th</sup> week average midnight total of dengue patients in selected 74 hospitals was 189. In 15 hospitals, the average midnight total has increased and in 28 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 14<sup>th</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 14 and 13 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 14	
	13	14	13	14	2023	2024
Colombo	222	369	138	113	5106	4445
Gampaha	329	408	73	71	5380	1876
Kalutara	83	82	67	54	1367	1059
Kandy	84	108	42	50	1035	1363
Matale	55	33	8	10	352	202
Nuwara Eliya	3	4	3	1	37	68
Galle	54	70	29	25	645	982
Hambantota	53	53	14	6	347	267
Matara	30	32	20	10	426	284
Jaffna	55	59	48	34	961	3743
Kilinochchi	2	2	3	7	42	206
Mannar	4	Nil	Nil	3	41	125
Vavuniya	9	3	1	Nil	59	59
Mullaitivu	1	2	2	Nil	46	118
Batticaloa	102	95	26	19	869	905
Ampara	4	12	3	1	53	84
Trincomalee	102	136	13	11	806	327
Kalmunai*	43	48	19	4	1096	400
Kurunegala	47	48	9	22	832	903
Puttalam	46	57	22	13	2133	617
Anuradhapura	12	22	1	6	178	220
Polonnaruwa	15	4	9	7	178	128
Badulla	9	19	4	7	356	339
Monaragala	5	3	9	5	121	301
Ratnapura	39	51	30	47	779	782
Kegalle	53	81	35	19	862	780
<b>Total</b>	<b>1461</b>	<b>1801</b>	<b>628</b>	<b>544</b>	<b>24107</b>	<b>20583</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 (3)**

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 13	Week 14		Week 13	Week 14		Week 13	Week 14
WESTERN PROVINCE			CMC	34	26	Gampaha District		
Colombo District			Maharagama	10	11	Biyagama	11	11

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 14**

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 13	Week 14	Change		Week 13	Week 14	Change		Week 13	Week 14	Change
NHSL	20	12	↓	BH-Point Pedro	7	7	-	BH- Kiribathgoda	4	5	↑
NH-Kandy	12	12	-	DGH-Kegalle	8	7	↓	BH-Balapitiya	5	4	↓
TH-Ratnapura	12	9	↓	BH-Kahawatta	6	6	-	DGH-Avissawella	5	4	↓
LRH	10	9	↓	TH-Karapitiya	5	6	↑	BH- Panadura	7	4	↓
NIID	10	9	↓	BH- Mawanella	5	5	-	BH-Nikaweratiya	4	4	-
TH-Col-South	13	8	↓	DGH- Matara	6	5	↓	TH-Kurunegala	1	4	↑
TH-Col-North	7	8	↑	TH- Kalutara	7	5	↓				

**Table 4: Dengue related deaths**

	2023	2024		2023	2024
Reported Deaths	62	08	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	-	1	65 & above	-	1
25 - 34	1	2	<b>Total</b>	<b>1</b>	<b>7</b>

Deaths reported in 2024 [Districts/Admin area] [Provisional]					
District/area	No	District/area	No	District/area	No
Kalutara <sup>[1]</sup>	2	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

**WAY FORWARD**

- Continued close monitoring of disease trend at MOH division level is ongoing.
- Comprehensive national dengue programme review with WHO technical and financial support is planned from 13<sup>th</sup> to 20<sup>th</sup> May 2024.

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