



# WEEKLY DENGUE UPDATE

Week 16 (15<sup>th</sup> – 21<sup>st</sup> April 2024)

National Dengue Control Unit, Ministry of Health

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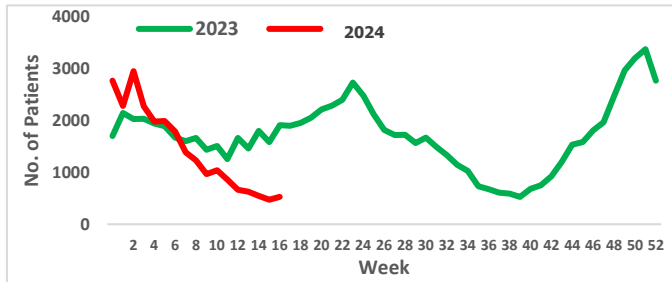
Week  
**16**

Year: 2024 Volume: 04 Issue: 16

## DENGUE CASE REPORTING

During 16<sup>th</sup> week, 526 suspected dengue cases were reported in 22 districts in comparison to 472, in 23 districts during the 15<sup>th</sup> week. There is 11.4% increase in 16<sup>th</sup> week, compared to the previous week. Of all reported cases, 35.9% were from Western Province [Colombo Municipal Council – 4.9%, rest of the Colombo District – 14.4%, Gampaha District – 10.5% and Kalutara District – 6.1%]. Kandy [12.7%], Ratnapura [9.9%], Kegalle [8.2%], Jaffna [6.3%], Galle [4.9%] and Trincomalee [4.8%] 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 16<sup>th</sup> week, 4 MOH areas were flagged as high-risk. All 4 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in CMC and MC Kandy in both 15<sup>th</sup> and 16<sup>th</sup> weeks.

The Gothatuwa and Point Pedro MOH areas were newly flagged as high-risk in 16<sup>th</sup> week.

## MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

\* After updated with delayed reporting from hospitals, average midnight total for the 15<sup>th</sup> week shows decrease from 204 to 196.

In 16<sup>th</sup> week average midnight total of dengue patients in selected 74 hospitals was 197. In 16 hospitals, the average midnight total has increased and in 22 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 16<sup>th</sup> week are illustrated in Table 3.

Table 1: Reported dengue cases in week 16 and 15 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 16	
	15	16	15	16	2023	2024
Colombo	333	329	87	102	5768	4634
Gampaha	356	468	60	55	6204	1991
Kalutara	104	129	29	32	1600	1120
Kandy	67	94	55	67	1196	1485
Matale	31	47	10	8	430	220
Nuwara Eliya	2	2	3	Nil	41	71
Galle	53	57	19	26	755	1027
Hambantota	27	50	21	15	424	303
Matara	18	25	11	5	469	300
Jaffna	56	52	28	33	1069	3804
Kilinochchi	1	3	5	Nil	46	211
Mannar	6	5	Nil	9	52	134
Vavuniya	6	2	Nil	Nil	67	59
Mullaitivu	7	2	Nil	Nil	55	118
Batticaloa	136	120	12	10	1125	927
Ampara	13	7	3	2	73	89
Trincomalee	94	116	6	25	1016	358
Kalmunai*	44	31	7	5	1171	412
Kurunegala	39	70	18	6	941	927
Puttalam	50	63	12	9	2246	638
Anuradhapura	8	14	11	3	200	234
Polonnaruwa	17	23	2	5	218	135
Badulla	4	23	5	6	383	350
Monaragala	10	15	9	8	146	318
Ratnapura	53	87	38	52	919	872
Kegalle	49	75	21	43	986	844
<b>Total</b>	<b>1584</b>	<b>1909</b>	<b>472</b>	<b>526</b>	<b>27600</b>	<b>21581</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 (4)**

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 15	Week 16		Week 15	Week 16		Week 15	Week 16		Week 15	Week 16
WESTERN PROVINCE			Gothatuwa	3	13	MC Kandy			Point Pedro		
Colombo District			CENTRAL PROVINCE			NORTHERN PROVINCE					
CMC	18	27	Kandy District			Jaffna District					

**Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 16**

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 15	Week 16	Change		Week 15	Week 16	Change		Week 15	Week 16	Change
NH-Kandy	15	18	↑	TH-Col-North	9	6	↓	BH- Mawanella	4	4	-
NHSL	15	15	-	BH-Kahawatta	4	6	↑	BH Muttur	3	4	↑
NIID	5	15	↑	TH-Peradeniya	4	5	↑	TH- Kalutara	4	4	-
TH-Col-South	9	9	-	DGH- Matara	5	5	-	BH- Panadura	2	4	↑
TH-Ratnapura	9	7	↓	DGH-Kegalle	6	5	↓	BH-Nikaweratiya	4	4	-
TH-Karapitiya	6	7	↑	DGH-Avissawella	7	5	↓				
LRH	11	6	↓	BH-Eheliyagoda	2	4	↑				
BH-Point Pedro	4	6	↑	BH- Warakapola	0	4	↑				

**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	<b>Total</b>	<b>1</b>	<b>8</b>

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 16 AT NATIONAL LEVEL**

- Monthly review of district situation and future plans in dengue control in Western Province (Colombo RDHS, CMC, Gampaha, Kalutara RDHS and NIHS) conducted on 18<sup>th</sup> and Kandy, Jaffna and Batticaloa districts on 19<sup>th</sup> April 2024 [Virtual meetings].

**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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