



WEEKLY DENGUE UPDATE



Week 43 (21st – 27th October 2024)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



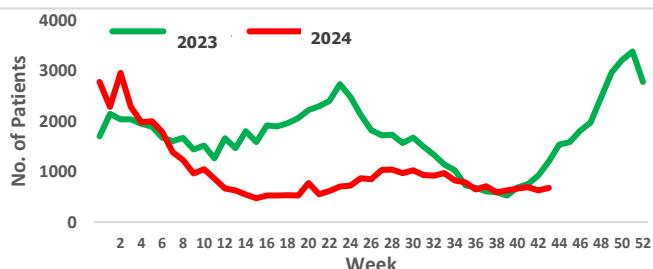
Week
43

Year: 2024 Volume: 04 Issue: 43

DENGUE CASE REPORTING

During 43rd week, 675 suspected dengue cases were reported in 22 districts in comparison to 627 in 24 districts during the 42nd week. There is 7.7% increase in 43rd week, compared to the previous week. Of all reported cases, 46.7% were from Western Province [Colombo Municipal Council – 8.1%, rest of the Colombo District – 17.8%, Gampaha District – 14.4% and Kalutara District – 6.4%]. Kandy [8.9%], Ratnapura [7.9%], Monaragala [5.8%], Matale [5.0%], Matara [3.7%] and Galle [3.6%] 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 42nd week, 8 MOH areas were flagged as high-risk. Of them 6 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 4 MOH areas in both 42nd and 43rd weeks.

Rathnapura, Gothatuwa, Kesbewa and Wattala newly flagged as high-risk MOH areas in the 43rd week. Wennappuwa, Yatinuwara and Ragama MOH areas flagged as high-risk in the 42nd 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 42nd week shows a decrease from 206 to 205.

In the 43rd week average midnight total of dengue patients in selected 74 hospitals was 227. In 21 hospitals, the average midnight total has increased and in 15 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 43rd week are illustrated in Table 3.

Table 1: Reported dengue cases in week 43 and 42 of 2024

District/ RDHS	No. of cases				
	2023 Week		2024 Week		Up to Week 43
	42	43	42	43	
Colombo	213	308	179	175	14401
Gampaha	155	197	86	97	13958
Kalutara	36	43	33	43	4354
Kandy	135	197	64	60	6220
Matale	43	57	10	34	1407
Nuwara Eliya	1	6	3	Nil	179
Galle	79	58	28	24	2826
Hambantota	3	6	6	8	1108
Matara	24	14	27	25	1369
Jaffna	14	24	13	17	1973
Kilinochchi	3	1	1	Nil	77
Mannar	Nil	Nil	8	2	88
Vavuniya	4	1	Nil	Nil	126
Mullaitivu	Nil	Nil	1	Nil	124
Batticaloa	11	19	9	7	2292
Ampara	1	5	Nil	10	188
Trincomalee	3	12	5	3	1979
Kalmunai*	3	5	4	5	1624
Kurunegala	55	86	15	12	2520
Puttalam	22	32	29	22	3113
Anuradhapura	4	8	5	8	577
Polonnaruwa	6	15	6	4	505
Badulla	32	37	9	11	983
Monaragala	9	10	21	39	507
Ratnapura	18	25	47	53	2774
Kegalle	48	38	15	16	2842
Total	922	1204	627	675	68114
					41960

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 (8)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 42	Week 43		Week 42	Week 43		Week 42	Week 43		Week 42	Week 43
WESTERN PROVINCE			Gothatuwa	9	21	Kelaniya	15	15	Rathnapura	8	13
Colombo District			Kesbewa	7	10	Wattala	12	13			
CMC	33	55	Gampaha District			SABARAGAMUWA PROVINCE					
Kaduwela	19	10	Biyagama	7	10	Rathnapura RDHS					

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 43

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 42	Week 43	Change		Week 42	Week 43	Change		Week 42	Week 43	Change
NHSL	22	25	↑	LRH	7	7	-	TH- Kalutara	6	5	↓
TH-Col-South	19	19	-	TH-Col-North	7	7	-	BH-Marawila	4	4	-
NIID	12	16	↑	DGH-Matale	5	7	↑	BH- Wathupitiwala	2	4	↑
TH-Ratnapura	14	15	↑	BH- Kiribathgoda	5	6	↑	DGH-Mannar	4	4	-
NH-Kandy	11	14	↑	TH-Peradeniya	7	6	↓	DGH-Moneragala	5	4	↓
DGH- Negombo	7	9	↑	TH-Karapitiya	6	5	↓				
DGH- Matara	9	9	-	PGH-Badulla	2	5	↑				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	20	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	-	4
01 - 04	-	2	45 - 54	-	2
05 - 14	1	-	55 - 64	-	1
15 - 24	-	4	65 & above	-	1
25 - 34	1	4	Total	2	18

District/ area	No	District/ area	No	District/ area	No
Colombo ^[1]	4	Matara	2	Monaragala	1
Kalutara ^[2]	2	Jaffna	1	Ratnapura	2
Hambantota	1	Kilinochchi	1	Galle	1
Gampaha	4	Kandy	1		

^[1] Excluding Colombo Municipal Council (CMC) area

^[2] Excluding National Institute of Health Sciences (NIHS) area

