



WEEKLY DENGUE UPDATE

Week 50 (9th – 15th December 2024)

National Dengue Control Unit, Ministry of Health

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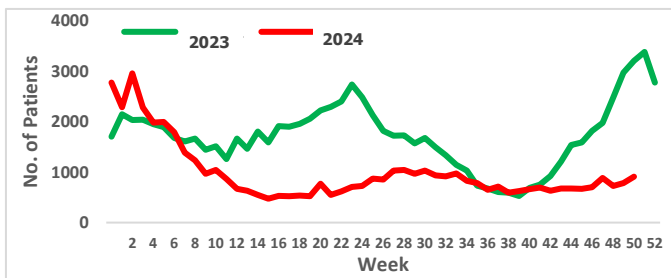
Week
50

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DENGUE CASE REPORTING

During 50th week, 906 suspected dengue cases were reported in 24 districts in comparison to 778 in 25 districts during the 49th week. There is 16.5% increase in 50th week, compared to the previous week. Of all reported cases, 48.7% were from Western Province [Colombo Municipal Council – 9.3%, rest of the Colombo District – 19.1%, Gampaha District – 15.2% and Kalutara District – 5.1%]. Kandy [7.0%], Jaffna [5.6%], Galle [5.5%], Ratnapura [5.3%], Puttalam [4.0%], and Batticaloa [3.8%] 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 50th week, 15 MOH areas were flagged as high-risk. Of them 9 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 11 MOH areas in both 49th and 50th weeks.

Oddamavadi, Kalpitiya, Chankanai and Siyambalanduwa newly flagged as high-risk MOH areas in the 50th week. Mahara MOH area flagged as high-risk in the 49th 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 49th week shows a decrease from 267 to 265.

In the 50th week average midnight total of dengue patients in selected 74 hospitals was 307. In 27 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 50th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 50 and 49 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 50	
	49	50	49	50	2023	2024
Colombo	582	478	216	257	17423	11942
Gampaha	257	224	116	138	15643	5870
Kalutara	108	116	24	46	4965	2556
Kandy	399	360	65	63	8563	4073
Matale	10	17	26	24	1715	811
Nuwara Eliya	16	4	1	2	246	179
Galle	102	42	42	50	3635	2162
Hambantota	31	37	25	16	1268	606
Matara	13	8	13	17	1586	922
Jaffna	306	431	39	51	2990	4395
Kilinochchi	4	3	1	2	93	244
Mannar	10	17	3	1	144	255
Vavuniya	7	1	Nil	Nil	137	109
Mullaitivu	Nil	4	1	Nil	145	141
Batticaloa	85	109	31	34	2711	1472
Ampara	6	13	5	2	233	191
Trincomalee	27	15	21	14	2082	651
Kalmunai*	26	22	3	13	1709	638
Kurunegala	139	99	15	19	3300	1780
Puttalam	155	136	23	36	3913	1236
Anuradhapura	28	17	33	15	701	467
Polonnaruwa	28	23	7	5	603	333
Badulla	189	130	6	14	1625	703
Monaragala	15	34	16	23	650	869
Ratnapura	77	66	35	48	3187	2950
Kegalle	110	32	10	15	3388	1736
Total	2730	2438	778	906	82655	47291

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 (15)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported				
	Week 49	Week 50		Week 49	Week 50		Week 49	Week 50		Week 49	Week 50			
WESTERN PROVINCE			Ratmalana			EASTERN PROVINCE			Chankanai Walikamam					
Colombo District			Gampaha District			RDHS Batticaloa			UVA PROVINCE					
CMC	69	84	Kelaniya	14	11	Oddamavady	3	10	RDHS Monaragala					
Homagama	15	13	Negombo	14	15	NORTH WESTERN PROVINCE			Siyabalamduwa					
Kaduwela	23	15	Wattala	23	28	RDHS Puttalam								
Maharagama	11	20	CENTRAL PROVINCE			Kalpitiya			5			16		
Dehiwala	12	10	Kandy RDHS			NORTHERN PROVINCE			Jaffna RDHS					
Gothatuwa	21	16	MC Kandy	10	13									

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 50

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 49	Week 50	Change		Week 49	Week 50	Change		Week 49	Week 50	Change
NHSL	38	50	↑	TH-Ratnapura	11	12	↑	TH-Jaffna	4	5	↑
NIID	23	24	↑	TH-Karapitiya	8	12	↑	DGH- Gampaha	5	5	-
TH-Col-South	19	23	↑	DGH-Matale	10	10	-	BH Muttur	0	5	↑
TH-Col-North	16	18	↑	DGH- Matara	7	8	↑	BH-Puttalam	3	4	↑
DGH- Negombo	14	17	↑	BH- Panadura	3	7	↑	DGH-Hambantota	4	4	-
NH-Kandy	12	16	↑	TH- Kalutara	2	6	↑	BH-Balangoda	4	4	-
LRH	15	15	-	BH-Valaichchenai	2	5	↑				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	23	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	-	5
01 - 04	-	2	45 - 54	-	2
05 - 14	2	-	55 - 64	-	1
15 - 24	-	4	65 & above	-	1
25 - 34	1	5	Total	3	20

Deaths reported in 2024 [Districts/Admin area] [Provisional]					
District/area	No	District/area	No	District/area	No
Colombo ^[1]	4	Matara	2	Monaragala	1
Kalutara ^[2]	2	Jaffna	1	Ratnapura	2
Hambantota	2	Kilinochchi	1	Galle	2
Gampaha	4	Kandy	1	Ampara	1

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

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

