



WEEKLY DENGUE UPDATE

Week 49 (2nd – 8th December 2024)

National Dengue Control Unit, Ministry of Health

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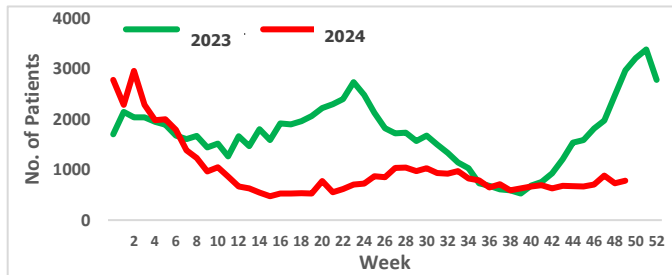
Week
49

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DENGUE CASE REPORTING

During 49th week, 778 suspected dengue cases were reported in 25 districts in comparison to 727 in 24 districts during the 48th week. There is 7.0% increase in 49th week, compared to the previous week. Of all reported cases, 45.8% were from Western Province [Colombo Municipal Council – 8.5%, rest of the Colombo District – 19.3%, Gampaha District – 14.9% and Kalutara District – 3.1%]. Kandy [8.4%], Galle [5.4%], Jaffna [5.0%], Matale [4.5%], Ratnapura [4.5%], Anuradhapura [4.2%], and Batticaloa [4.0%] 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 49th week, 13 MOH areas were flagged as high-risk. Of them 10 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in 8 MOH areas in both 48th and 49th weeks.

Dehiwala, Gothatuwa, Ratmalana and Mahara newly flagged as high-risk MOH areas in the 49th week. Rattota, Jaffna, Kalpitiya and Biyagama areas 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 48th week shows decrease from 268 to 267.

In the 49th week average midnight total of dengue patients in selected 74 hospitals was 267. In 17 hospitals, the average midnight total has increased and in 17 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 49th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 49 and 48 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 49	
	48	49	48	49	2023	2024
Colombo	495	582	182	216	16945	11685
Gampaha	297	257	124	116	15419	5732
Kalutara	85	108	32	24	4849	2510
Kandy	355	399	54	65	8203	4010
Matale	43	10	47	26	1698	787
Nuwara Eliya	6	16	Nil	1	242	177
Galle	133	102	33	42	3593	2112
Hambantota	11	31	6	25	1231	590
Matara	30	13	14	13	1578	905
Jaffna	208	306	51	39	2559	4344
Kilinochchi	1	4	2	1	90	242
Mannar	15	10	2	3	127	254
Vavuniya	1	7	Nil	Nil	136	108
Mullaitivu	12	Nil	Nil	1	141	141
Batticaloa	90	85	25	31	2602	1438
Ampara	5	6	5	5	220	189
Trincomalee	18	27	2	21	2067	637
Kalmunai*	16	26	4	3	1687	625
Kurunegala	139	139	7	15	3201	1761
Puttalam	122	155	27	23	3777	1200
Anuradhapura	36	28	7	33	684	452
Polonnaruwa	34	28	7	7	580	328
Badulla	152	189	18	6	1495	689
Monaragala	29	15	17	16	616	846
Ratnapura	35	77	41	35	3121	2902
Kegalle	104	110	19	10	3356	1721
Total	2472	2730	727	778	80217	46385

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 (13)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 48	Week 49		Week 48	Week 49		Week 48	Week 49		Week 48	Week 49
WESTERN PROVINCE			Maharagama	13	10	Kelaniya	11	12	Kandy RDHS		
Colombo District			Dehiwala	9	10	Negombo	14	14	MC Kandy	4	10
CMC	66	66	Gothatuwa	10	20	Wattala	19	22	SABARAGAMUWA PROVINCE		
Homagama	10	14	Ratmalana	8	12	Mahara	9	15	RDHS Rathnapura		
Kaduwela	15	23	Gampaha District			CENTRAL PROVINCE			Rathnapura	4	15

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 49

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 48	Week 49	Change		Week 48	Week 49	Change		Week 48	Week 49	Change
NHSL	40	38	↓	TH-Karapitiya	14	12	↓	TH-Jaffna	4	4	-
NIID	21	23	↑	TH-Ratnapura	11	11	-	BH- Kiribathgoda	3	4	↑
TH-Col-South	23	19	↓	DGH-Matale	10	10	-	BH-Balangoda	4	4	-
TH-Col-North	10	16	↑	DGH- Matara	8	7	↓	PGH-Badulla	4	4	-
LRH	15	15	-	TH-Peradeniya	8	6	↓	BH-Kahawatta	2	4	↑
DGH- Negombo	10	14	↑	DGH- Gampaha	6	5	↓				
NH-Kandy	12	12	-	DGH-Hambantota	3	4	↑				

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

