



WEEKLY DENGUE UPDATE

Week 48 (25th November – 1st December 2024)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



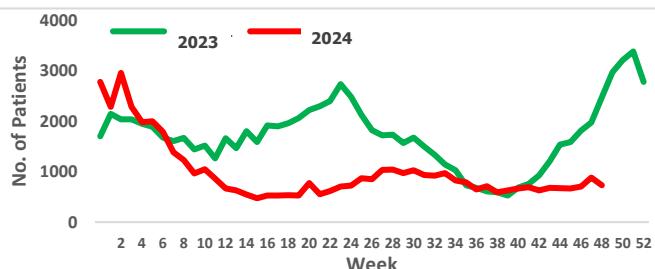
Week
48

Year: 2024 Volume: 04 Issue: 48

DENGUE CASE REPORTING

During 48th week, 727 suspected dengue cases were reported in 23 districts in comparison to 880 in 23 districts during the 47th week. There is 17.4% decrease in 48th week, compared to the previous week. Of all reported cases, 46.5% were from Western Province [Colombo Municipal Council – 8.1%, rest of the Colombo District – 16.9%, Gampaha District – 17.1% and Kalutara District – 4.4%]. Kandy [7.4%], Jaffna [7.0%], Matale [6.5%], Ratnapura [5.6%], Galle [4.5%], and Puttalam [3.7%] 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 48th week, 12 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 10 MOH areas in both 47th and 48th weeks.

Jaffna and Kelaniya newly flagged as high-risk MOH areas in the 48th week. Kandy, Siyambalanduwa, Madulla, Matale, Gothatuwa, Kolonnawa, Rathmalana, Mahara, Kopay, MC Galle, Mawanella, and MC Rathnapura areas flagged as high-risk in the 47th 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 47th week shows an increase from 280 to 284.

In the 48th week average midnight total of dengue patients in selected 74 hospitals was 268. In 14 hospitals, the average midnight total has increased and in 23 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 48th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 48 and 47 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 48	
	47	48	47	48	2023	2024
Colombo	359	495	209	182	16363	11469
Gampaha	253	297	151	124	15162	5616
Kalutara	67	85	35	32	4741	2486
Kandy	334	355	80	54	7804	3945
Matale	118	43	30	47	1688	761
Nuwara Eliya	11	6	2	Nil	226	176
Galle	158	133	51	33	3491	2070
Hambantota	11	11	6	6	1200	565
Matara	56	30	15	14	1565	892
Jaffna	35	208	34	51	2253	4305
Kilinochchi	3	1	Nil	2	86	241
Mannar	Nil	15	5	2	117	251
Vavuniya	Nil	1	Nil	Nil	129	107
Mullaitivu	Nil	12	Nil	Nil	141	140
Batticaloa	45	90	14	25	2517	1407
Ampara	4	5	2	5	214	184
Trincomalee	9	18	11	2	2040	616
Kalmunai*	7	16	6	4	1661	622
Kurunegala	113	139	17	7	3062	1746
Puttalam	108	122	22	27	3622	1177
Anuradhapura	9	36	9	7	656	419
Polonnaruwa	1	34	13	7	552	321
Badulla	113	152	18	18	1306	683
Monaragala	13	29	58	17	601	830
Ratnapura	74	35	58	41	3044	2867
Kegalle	68	104	29	19	3246	1711
Total	1969	2472	880	727	77487	45607

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 (12)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported				
	Week 47	Week 48		Week 47	Week 48		Week 47	Week 48		Week 47	Week 48			
WESTERN PROVINCE														
Colombo District														
CMC														
Homagama	10	11	Maharagama	12	12	Kelaniya	10	10	Jaffna RDHS					
Kaduwela	16	15	Gampaha District			CENTRAL PROVINCE			Jaffna	10	12			
			Biyagama	15	19	Matale RDHS			NORTH WESTERN PROVINCE					
			Negombo	20	14	Rattota	5	11	RDHS Puttalam					
			Wattala	29	19	NORTHERN PROVINCE			Kalpitiya	10	11			

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 48

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 47	Week 48	Change		Week 47	Week 48	Change		Week 47	Week 48	Change
NHSL	39	40	↑	TH-Col-North	14	10	↓	TH-Jaffna	3	4	↑
TH-Col-South	18	23	↑	DGH- Negombo	13	10	↓	DGH-Mannar	2	4	↑
NIID	21	21	-	DGH- Matara	8	9	↑	BH- Panadura	4	4	-
LRH	15	15	-	DGH-Matale	9	9	-	BH-Balangoda	2	4	↑
TH-Karapitiya	6	14	↑	TH-Peradeniya	9	8	↓	PGH-Badulla	4	4	-
NH-Kandy	16	12	↓	DGH- Gampaha	6	6	-	BH- Wathupitiwala	6	4	↓
TH-Ratnapura	14	11	↓	TH- Kalutara	5	5	-				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	22	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	4	Total	3	19

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	1	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

