



WEEKLY DENGUE UPDATE

Week 41 (7th – 13th October 2024)

National Dengue Control Unit, Ministry of Health

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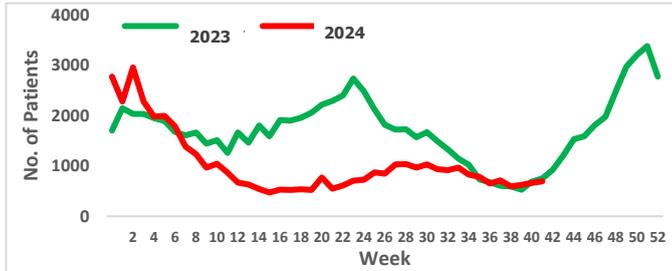
Week
41

Year: 2024 Volume: 04 Issue: 41

DENGUE CASE REPORTING

During 41st week, 693 suspected dengue cases were reported in 24 districts in comparison to 663 in 25 districts during the 40th week. There is 4.5% increase in 41st week, compared to the previous week. Of all reported cases, 53.7% were from Western Province [Colombo Municipal Council – 9.1%, rest of the Colombo District – 23.2%, Gampaha District – 17.0% and Kalutara District – 4.3%]. Kandy [7.8%], Ratnapura [7.4%], Matara [4.9%], Matale [4.2%] and Galle [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 41st week, 12 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 7 MOH areas in both 40th and 41st weeks.

Yatinuwara, Kesbewa, Nugegoda, Gampaha and Seeduwa newly flagged as high-risk MOH areas in the 41st week. Kahathuduwa, Attanagalla, Wattala, Mahara and Negombo MOH areas flagged as high-risk in the 40th 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 40th week shows a decrease from 248 to 229.

In the 41st week average midnight total of dengue patients in selected 74 hospitals was 234. In 17 hospitals, the average midnight total has increased and in 25 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 41st week are illustrated in Table 3.

Table 1: Reported dengue cases in week 41 and 40 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 41	
	40	41	40	41	2023	2024
Colombo	146	176	168	224	13880	10204
Gampaha	121	106	113	118	13606	4795
Kalutara	29	28	47	30	4275	2252
Kandy	128	136	53	54	5888	3489
Matale	32	25	14	29	1307	561
Nuwara Eliya	1	1	3	2	172	161
Galle	50	67	27	28	2689	1837
Hambantota	7	1	8	16	1099	511
Matara	16	21	43	34	1331	774
Jaffna	23	17	10	4	1935	4118
Kilinochchi	Nil	Nil	3	1	Nil	231
Mannar	Nil	1	3	1	1	224
Vavuniya	Nil	2	Nil	Nil	121	94
Mullaitivu	Nil	1	1	Nil	1	139
Batticaloa	9	9	4	7	2262	1319
Ampara	Nil	5	6	2	182	163
Trincomalee	6	7	1	3	1964	560
Kalmunai*	5	4	2	9	1616	587
Kurunegala	29	30	23	15	2379	1645
Puttalam	8	17	22	12	3059	1003
Anuradhapura	1	4	3	6	565	366
Polonnaruwa	2	3	8	3	484	273
Badulla	23	24	4	8	914	601
Monaragala	14	6	33	19	488	636
Ratnapura	15	26	44	51	2731	2520
Kegalle	19	34	14	17	2756	1595
Total	684	751	663	693	65705	40658

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 40	Week 41		Week 40	Week 41		Week 40	Week 41		Week 40	Week 41		
WESTERN PROVINCE			Kesbewa	8	10	Kelaniya	16	10	Yatinuwara			9	11
Colombo District			Nugegoda	9	11	Seeduwa	4	10	SOUTHERN PROVINCE				
CMC	50	63	Gampaha District			CENTRAL PROVINCE			Matara RDHS				
Gothatuwa	16	12	Biyagama	10	13	Kandy District			Devinuwara			13	16
Kaduwela	26	18	Gampaha	5	13	Kandy MC			11	13			

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 41

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 40	Week 41	Change		Week 40	Week 41	Change		Week 40	Week 41	Change
NHSL	28	24	↓	DGH- Negombo	12	8	↓	BH- Kiribathgoda	7	5	↓
TH-Col-South	14	21	↑	LRH	10	8	↓	BH- Panadura	5	5	-
NIID	20	18	↓	DGH-Moneragala	9	7	↓	DGH- Gampaha	5	5	-
DGH- Matara	2	16	↑	NH-Kandy	9	7	↓	TH- Kalutara	5	4	↓
TH-Ratnapura	10	11	↑	DGH-Matale	5	7	↑				
TH-Col-North	11	11	-	TH-Karapitiya	6	7	↑				
TH-Peradeniya	6	8	↑	BH-Balangoda	3	6	↑				

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

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	1
Gampaha	4	Kandy	1		

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

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

