



WEEKLY DENGUE UPDATE

Week 19 (6th April – 12th May 2024)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



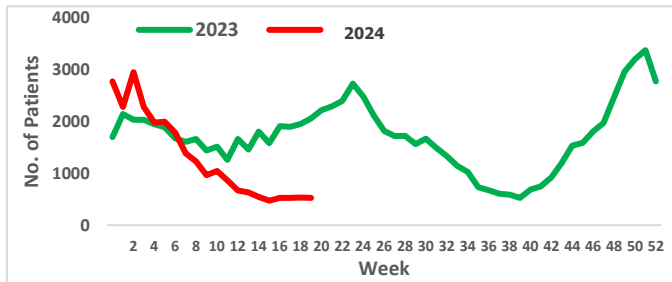
Week
19

Year: 2024 Volume: 04 Issue: 19

DENGUE CASE REPORTING

During 19th week, 523 suspected dengue cases were reported in 25 districts in comparison to 533, in 21 districts during the 18th week. There is 1.9% increase in 19th week, compared to the previous week. Of all reported cases, 38.0% were from Western Province [Colombo Municipal Council – 2.9%, rest of the Colombo District – 17.4%, Gampaha District – 11.9% and Kalutara District – 5.9%]. Kandy [14.7%], Ratnapura [11.3%], Kegalle [7.3%], Galle [4.8%] and Kurunegala [4.2%] 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 19th week, 8 MOH areas were flagged as high-risk. Of them 5 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in CMC, MC Kandy and Eheliyagoda in both 18th and 19th weeks.

Katupotha, Kiriella, Kuruwita and Ratmalana MOH areas were newly flagged as high-risk areas in the 19th week. Batticaloa MOH area which was flagged as high-risk in the 18th week was not flagged in the current week.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 18th week shows an increase from 225 to 226.

In the 19th week average midnight total of dengue patients in selected 74 hospitals was 243. In 24 hospitals, the average midnight total has increased and in 13 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 19th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 19 and 18 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 18	
	18	19	18	19	2023	2024
Colombo	412	406	88	106	6991	4948
Gampaha	475	512	53	62	7585	2151
Kalutara	125	116	34	31	1971	1220
Kandy	136	163	66	77	1603	1698
Matale	24	24	11	1	514	238
Nuwara Eliya	8	1	Nil	2	57	73
Galle	76	86	19	25	984	1098
Hambantota	28	37	6	5	527	328
Matara	31	32	27	15	551	351
Jaffna	49	45	23	12	1223	3874
Kilinochchi	2	Nil	Nil	2	49	213
Mannar	Nil	1	Nil	4	56	138
Vavuniya	3	9	Nil	1	83	60
Mullaitivu	3	1	1	Nil	62	121
Batticaloa	106	85	23	15	1456	975
Ampara	4	4	2	1	83	93
Trincomalee	97	107	20	14	1376	398
Kalmunai*	44	35	3	2	1287	428
Kurunegala	58	85	26	22	1143	996
Puttalam	57	42	7	11	2382	665
Anuradhapura	18	10	Nil	2	250	236
Polonnaruwa	11	23	5	1	267	146
Badulla	28	12	4	3	443	372
Monaragala	14	8	8	12	185	347
Ratnapura	64	84	55	59	1121	1031
Kegalle	81	127	52	38	1256	963
Total	1954	2055	533	523	33505	23161

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 18	Week 19		Week 18	Week 19		Week 18	Week 19		Week 18	Week 19
WESTERN PROVINCE			Kandy District			Kiriella	9	12			
Colombo District			MC Kandy	16	14	Kuruvita	12	12	Katupotha		
CMC			SABARAGAMUWA PROVINCE			Kegalle District					
Ratmalana			Rathnapura District			Warakapola	6	12			
CENTRAL PROVINCE			Eheliyagoda			NORTH WESTERN PROVINCE					

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 19

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 18	Week 19	Change		Week 18	Week 19	Change		Week 18	Week 19	Change
NHSL	20	22	↑	TH-Karapitiya	5	7	↑	DGH- Gampaha	3	5	↑
TH-Ratnapura	14	17	↑	LRH	9	7	↓	DGH- Matara	5	5	-
NH-Kandy	22	17	↓	BH-Kahawatta	8	7	↓	BH- Mawanella	5	4	↓
NIID	10	16	↑	BH- Warakapola	4	7	↑	BH- Kiribathgoda	2	4	↑
TH-Col-South	12	13	↑	DGH-Kegalle	6	7	↑	BH-Nikaweratiya	4	4	-
TH-Col-North	9	11	↑	TH-Peradeniya	5	6	↑				
DGH-Avissawella	8	9	↑	BH- Panadura	3	6	↑				
BH-Point Pedro	9	9	-	TH- Kalutara	6	6	-				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	09	Case Fatality Rate	0.07%	0.04%

Deaths reported in 2024 [Age & Sex]					
Age Group (Yrs.)	Male	Female	Age Group (Yrs.)	Male	Female
Less than 01	-	-	35 - 44	-	2
01 - 04	-	1	45 - 54	-	-
05 - 14	-	-	55 - 64	-	-
15 - 24	-	2	65 & above	-	1
25 - 34	1	2	Total	1	8

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

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

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

KEY ACTIVITIES CONDUCTED DURING WEEK 19 AT NATIONAL LEVEL

- Expert committee meeting chaired by Honorable State Minister of Health was held to discuss the current dengue situation and the other issues related to dengue prevention and control in Northern, Central and Western Provinces.
- Intensive training programme for Medical Officers and Nursing Officers on Dengue clinical management conducted at NIID. (6th, 7th & 8th of May)

WAY FORWARD

- Continued close monitoring of disease trend at MOH division level is ongoing.
- Comprehensive national dengue programme review with WHO technical and financial support is planned from 13th to 20th May 2024.