



WEEKLY DENGUE UPDATE



Week 18 (29th April – 5th May 2024)

National Dengue Control Unit, Ministry of Health

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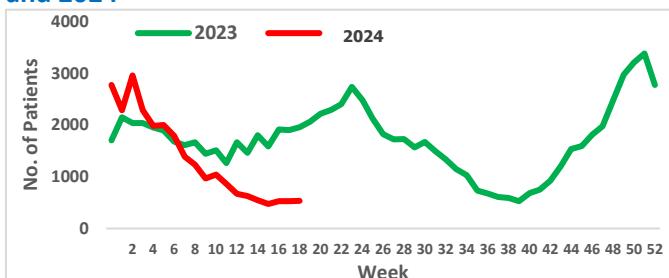
Week
18

Year: 2024 Volume: 04 Issue: 18

DENGUE CASE REPORTING

During 18th week, 533 suspected dengue cases were reported in 21 districts in comparison to 524, in 21 districts during the 17th week. There is 1.7% increase in 18th week, compared to the previous week. Of all reported cases, 32.8% were from Western Province [Colombo Municipal Council – 3.6%, rest of the Colombo District – 12.9%, Gampaha District – 9.9% and Kalutara District – 6.4%]. Kandy [12.4%], Ratnapura [10.3%], Kegalle [9.8%], Matara [5.1%], Kurunegala [4.9%], Jaffna [4.3%] and Batticaloa [4.3%] 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 18th week, 4 MOH areas were flagged as high-risk. Of them 3 MOH areas showed rising number than their respective numbers in previous week. Persistently high number of patients are observed in CMC and MC Kandy in both 17th and 18th weeks.

Eheliyagoda and Batticaloa MOH areas were newly flagged as high-risk area in 18th week. Biyagama and Warakapola MOH areas were flagged as high-risk in 17th week and not flagged for the current week.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 17th week shows a decrease from 203 to 201.

In 18th week average midnight total of dengue patients in selected 74 hospitals was 225. In 22 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 18th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 18 and 17 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 18	
	17	18	17	18		
Colombo	405	412	120	88	6585	4842
Gampaha	394	475	45	53	7073	2089
Kalutara	130	125	35	34	1855	1189
Kandy	108	136	70	66	1440	1621
Matale	36	24	6	11	490	237
Nuwara Eliya	7	8	Nil	Nil	56	71
Galle	67	76	27	19	898	1073
Hambantota	38	28	14	6	490	323
Matara	19	31	9	27	519	336
Jaffna	60	49	35	23	1178	3862
Kilinochchi	1	2	Nil	Nil	49	211
Mannar	3	Nil	Nil	Nil	55	134
Vavuniya	4	3	Nil	Nil	74	59
Mullaitivu	3	3	2	1	61	121
Batticaloa	140	106	10	23	1371	960
Ampara	2	4	1	2	79	92
Trincomalee	156	97	6	20	1269	384
Kalmunai*	37	44	11	3	1252	426
Kurunegala	59	58	21	26	1058	974
Puttalam	37	57	9	7	2340	654
Anuradhapura	22	18	Nil	Nil	240	234
Polonnaruwa	15	11	5	5	244	145
Badulla	20	28	15	4	431	369
Monaragala	17	14	9	8	177	335
Ratnapura	54	64	45	55	1037	972
Kegalle	62	81	29	52	1129	925
Total	1896	1954	524	533	31450	22638

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 (4)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported			
	Week 17	Week 18		Week 17	Week 18		Week 17	Week 18		Week 17	Week 18		
WESTERN PROVINCE						CENTRAL PROVINCE							
Colombo District						Kandy District							
CMC	30	19	MC Kandy	12	15	Eheliyagoda	9	11	Batticaloa	3	10		

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 18

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 17	Week 18	Change		Week 17	Week 18	Change		Week 17	Week 18	Change
NH-Kandy	18	22	↑	LRH	9	9	-	BH- Mawanella	4	5	↑
NHSL	15	20	↑	DGH-Avissawella	7	8	↑	DGH- Matara	6	5	↓
TH-Ratnapura	8	14	↑	BH-Kahawatta	6	8	↑	TH-Peradeniya	5	5	-
TH-Col-South	7	12	↑	BH-Eheliyagoda	2	7	↑	TH-Batticaloa	1	4	↑
NIID	12	10	↓	TH- Kalutara	6	6	-	BH- Warakapola	7	4	↓
TH-Col-North	7	9	↑	DGH-Kegalle	4	6	↑	BH- Nikaweratiya	4	4	-
BH-Point Pedro	9	9	-	TH-Karapitiya	8	5	↓				

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 18 AT NATIONAL LEVEL

- First Technical Advisory Groupe (TAG) Meeting was held at the Auditorium of the Ministry of Health on the 2nd of May, chaired by the DGHS ensuring technical guidance from the experts for a sustainable dengue control and prevention.

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.