



WEEKLY DENGUE UPDATE

Week 12 (18th– 24th March 2024)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



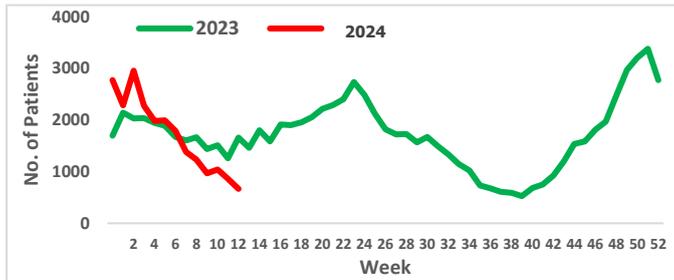
Week
12

Year: 2024 Volume: 04 Issue: 12

DENGUE CASE REPORTING

During 12th week, 666 suspected dengue cases were reported in 24 districts in comparison to 863, in 26 districts during the 11th week. There is 22.8% decrease in 12th week, compared to the previous week. Of all reported cases, 44.6% were from Western Province [Colombo Municipal Council – 5.1%, rest of the Colombo District – 20.1%, Gampaha District – 11.0% and Kalutara District – 8.4%]. Jaffna [11.4%], Kandy [6.5%], Kegalle [5.0%], Galle [4.7%], Ratnapura [4.5%] and Kurunegala [3.8%] 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 12th week, 9 MOH areas were flagged as high-risk. Of them, 4 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 5 MOH areas in both 11th and 12th weeks.

The MOH areas that were newly flagged as high-risk areas in 12th week are Kurunegala, Kesbewa and Wattala. The MOH areas that were flagged as high-risk in 11th week and not flagged for the current week are Battaramulla, Kelaniya and Panadura.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 11th week shows a decrease from 287 to 284.

In 12th week average midnight total of dengue patients in selected 74 hospitals was 268. In 15 hospitals, the average midnight total has increased and in 26 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 12th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 12 and 11 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 12	
	11	12	11	12	2023	2024
Colombo	238	359	175	168	4515	4194
Gampaha	305	377	103	73	4643	1732
Kalutara	73	78	89	56	1202	938
Kandy	63	76	45	43	843	1271
Matale	19	32	7	6	264	184
Nuwara Eliya	Nil	4	4	1	30	64
Galle	47	30	39	31	521	928
Hambantota	20	39	17	19	241	247
Matara	29	17	10	12	364	254
Jaffna	54	54	72	76	847	3661
Kilinochchi	3	Nil	6	6	38	196
Mannar	Nil	3	2	Nil	37	122
Vavuniya	8	1	4	Nil	47	58
Mullaitivu	Nil	3	3	1	43	117
Batticaloa	52	97	44	24	672	860
Ampara	2	5	7	4	37	80
Trincomalee	41	124	23	15	568	303
Kalmunai*	36	48	23	14	1005	377
Kurunegala	53	54	45	25	737	872
Puttalam	63	105	13	14	2030	582
Anuradhapura	12	9	14	5	144	213
Polonnaruwa	12	12	11	4	159	112
Badulla	18	20	6	1	328	328
Monaragala	6	4	14	5	113	287
Ratnapura	50	52	50	30	689	705
Kegalle	55	58	37	33	728	726
Total	1259	1661	863	666	20845	19411

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 (9)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 11	Week 12		Week 11	Week 12		Week 11	Week 12		Week 11	Week 12
WESTERN PROVINCE			Kaduwela	11	10	Gampaha	16	10	Kurunegala	0	11
Colombo District			Maharagama	13	10	Wattala	9	10	NORTHERN PROVINCE		
CMC	34	34	Gampaha District			NORTH WESTERN PROVINCE			Jaffna District		
Kesbewa	3	11	Biyagama	18	12	Kurunegala District			Chavakachcheri	10	12

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 12

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 11	Week 12	Change		Week 11	Week 12	Change		Week 11	Week 12	Change
NHSL	20	24	↑	NH-Kandy	12	8	↓	DGH-Avissawella	5	5	-
TH-Col-South	15	19	↑	LRH	8	7	↓	BH- Mawanella	6	5	↓
DGH- Embilipitiya	5	18	↑	TH-Col-North	12	7	↓	BH-Dambadeniya	3	5	↑
NIID	17	15	↓	DGH- Gampaha	6	7	↑	TH-Peradeniya	3	5	↑
TH-Ratnapura	13	10	↓	DGH- Matara	6	6	-	BH- Kiribathgoda	5	5	-
TH-Karapitiya	11	9	↓	BH- Panadura	6	6	-	TH- Kalutara	8	4	↓
BH-Balapitiya	4	9	↑	DGH- Negombo	7	6	↑	BH-Kahawatta	3	4	↑
DGH-Kegalle	8	8	-	DGH- Horana	5	5	-	BH-Nikaweratiya	4	4	-
TH-Kurunegala	8	8	-	BH-Point Pedro	10	5	↓				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	62	07	Case Fatality Rate	0.07%	0.03%

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	-	1	65 & above	-	-
25 - 34	1	2	Total	1	6

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

^[1] Excluding National Institute of Health Sciences (NIHS) area

^[2] Excluding Colombo Municipal Council (CMC) area

KEY ACTIVITIES CONDUCTED DURING WEEK 12 AT NATIONAL LEVEL

- Intensive training programme for Medical Registrars on Dengue clinical management was conducted at NIID.
- Monthly review of district situation and future plans in dengue control in Western Province (Colombo RDHS, CMC, Gampaha, Kalutara RDHS and NIHS) on 19th and Kandy, Jaffna and Batticaloa districts on 20th [Virtual meetings].