



WEEKLY DENGUE UPDATE

Week 02 (8th – 14th January 2024)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



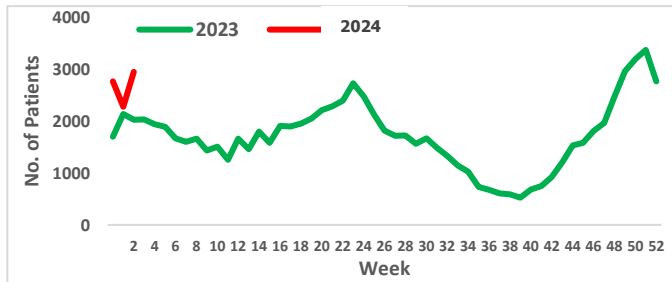
Week
02

Year: 2024 Volume: 04 Issue: 02

DENGUE CASE REPORTING

During 2nd week of 2024, 2951 suspected dengue cases were reported in 26 districts in comparison to 2279, in 26 districts during the 1st week. There is 29.5% increase in 2nd week, compared to the previous week. Of all reported cases, 33.9% were from Western Province [Colombo Municipal Council – 8.0%, rest of the Colombo District – 13.8 %, Gampaha District – 7.3% and Kalutara District – 4.8%]. Jaffna [20.4%], Kandy [6.7%], Batticaloa [6.0%], Kurunegala [4.9%] and Galle [4.5%] 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 2nd week, 62 MOH areas were flagged as high-risk. Of them, 26 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 52 MOH areas in both 1st and 2nd weeks.

The MOH areas that were newly flagged as high-risk areas in 2nd week are Matale MC, Akkarapattu, Polgahawela, Chilaw, Mahawewa, Mullaitivu, Dehiovita, Warakapola and MC Galle. The MOH areas that were flagged as high-risk in 1st week and not flagged for the current week are; Gangawatakorale, Medadumbara, Poojapitiya, Alayadivembu, Wennappuwa, Mannar, Manthai West, Rambukkana, Aranayaka, Siyambalanduwa, Hali Ela, Dompe and Wadduwa.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 1st week shows an increase from 942 to 957.

In 2nd week average midnight total of dengue patients in selected 74 hospitals was 862. In 22 hospitals, the average midnight total has increased and in 35 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 2nd week are illustrated in Table 3.

Table 1: Reported dengue cases in week 2 and 1 of 2024

District/ RDHS	No. of cases					
	2023 Week		2024 Week		Up to Week 02	
	01	02	01	02	2023	2024
Colombo	433	452	415	645	885	1060
Gampaha	440	417	233	215	857	448
Kalutara	112	123	72	141	235	213
Kandy	100	86	174	198	186	372
Matale	39	27	18	35	66	53
Nuwara Eliya	1	2	7	3	3	10
Galle	43	65	31	132	108	163
Hambantota	10	14	11	35	24	46
Matara	33	28	7	24	61	31
Jaffna	128	103	473	602	231	1075
Kilinochchi	4	3	18	32	7	50
Mannar	Nil	17	52	12	17	64
Vavuniya	3	1	7	16	4	23
Mullaitivu	32	2	41	17	34	58
Batticaloa	36	28	111	176	64	287
Ampara	3	3	11	5	6	16
Trincomalee	16	31	46	38	47	84
Kalmunai*	147	107	56	48	254	104
Kurunegala	56	73	89	144	129	233
Puttalam	273	257	116	114	530	230
Anuradhapura	13	13	8	22	26	30
Polonnaruwa	27	13	12	12	40	24
Badulla	45	31	97	76	76	173
Monaragala	11	15	38	31	26	69
Ratnapura	66	55	75	77	121	152
Kegalle	71	64	61	99	135	160
Total	2142	2030	2279	2951	4172	5230

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 (62)

MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported		MOH Area	Cases reported	
	Week 01	Week 02		Week 01	Week 02		Week 01	Week 02		Week 01	Week 02
WESTERN PROVINCE			Kelaniya			NORTHERN PROVINCE			Chenkalady		
Colombo District			Mahara			Jaffna District			Kalmunai District		
MC Colombo	206	180	Mirigama			Point Pedro	41	47	Akkaraipattu		
Battaramulla	17	20	Minuwangoda			Chankanai	43	26	9		
Boralesgamuwa	17	17	Wattala			Chavakachcheri	49	42	NORTHWESTERN PROVINCE		
Dehiwala	41	30	Kalutara District			MC Jaffna	194	175	Kurunegala District		
Egoda Uyana	23	19	Panadura			Karaveddy	45	35	Kurunegala		
Gothatuwa	42	39	Bandaragama			Kopay	52	43	Polgahawela		
Homagama	16	25	Kandy District			Nallur	48	40	Puttalam District		
Kaduwela	15	18	MC Kandy			Sandilipay	51	50	Chilaw		
Kolonnawa	30	26	Kundasale			Tellipalai	28	35	Kalpitiya		
Maharagama	43	28	Udunuwara			Uduvil	43	47	Mahawewa		
Moratuwa	28	20	Waththegama			Velanai	26	19	Nattandiya		
Nugegoda	35	36	Harispattuwa			Kilinochchi District			Puttalam		
Piliyandala	24	21	Yatinuwara			Kilinochchi	18	13	Uva Province		
Pitakotte	11	18	Matale District			Mullaitivu District			Badulla District		
Ratmalana	21	28	MC Matale			Mullaitivu	6	16	Badulla		
Gampaha District			SOUTHERN PROVINCE			Eastern Province			SABARAGAMUWA PROVINCE		
Attanagalla	17	13	Galle District			Batticaloa District			Kegalle District		
Biyagama	25	21	Habaraduwa			Batticaloa	16	25	Dehiovita		
Gampaha	21	22	MC Galle			Eravur	57	44	Mawanella		
									Warakapola		

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 02

Hospital	Average Midnight Total			Hospital	Average Midnight Total			Hospital	Average Midnight Total		
	Week 1	Week 2	Change		Week 1	Week 2	Change		Week 1	Week 2	Change
NHSL	80	68	↓	BH-Puttalam	23	17	↓	DGH-Vavuniya	5	7	↑
TH-Jaffna	68	60	↓	BH- Warakapola	12	16	↑	BH- Mirigama	4	6	↑
TH-Col-South	48	51	↑	DGH- Gampaha	14	15	↑	BH-Dambadeniya	8	6	↓
NIID	54	50	↓	BH-Marawila	12	12	-	DGH-Hambantota	8	5	↓
BH-Point Pedro	43	43	-	DGH-Mannar	14	12	↓	BH-Kahawatta	6	5	↓
NH-Kandy	50	40	↓	TH- Kalutara	9	11	↑	BH-Dambulla	5	5	-
PGH-Badulla	49	35	↓	BH-Nikaweratiya	7	10	↑	BH-Valaichchenai	6	5	↓
DGH- Negombo	43	34	↓	DGH- Matara	9	9	-	DGH- Horana	5	5	-
LRH	28	32	↑	DGH-Chilaw	5	9	↑	BH Muttur	7	5	↓
TH-Karapitiya	30	31	↑	BH- Wathupitiwala	13	9	↓	BH-Balangoda	5	4	↓
TH-Ratnapura	27	25	↓	DGH- Embilipitiya	6	8	↑	DGH-Monaragala	6	4	↓
TH-Col-North	22	25	↑	BH- Kiribathgoda	11	8	↓	BH-Nawalapitiya	4	4	-
TH-Peradeniya	29	20	↓	DGH-Trincomalee	11	7	↓	DGH-Ampara	3	4	↑
DGH-Kegalle	18	19	↑	BH-Balapitiya	8	7	↓	BH-Kalmunai North	3	4	↑
BH- Panadura	16	18	↑	BH- Mawanella	12	7	↓				
TH-Batticaloa	15	18	↑	TH-Kurunegala	7	7	-				
DGH-Matale	16	18	↑	DGH-Avissawella	11	7	↓				

Table 4: Dengue related deaths

	2023	2024		2023	2024
Reported Deaths	61	00	Case Fatality Rate	0.07%	0.00%

Deaths reported in 2023 [Age & Sex]					
Age Group (Yrs.)	Male	Female	Age Group (Yrs.)	Male	Female
Less than 01	02	00	35 - 49	08	08
01 - 04	00	03	50 - 64	03	04
05 - 19	04	02	65 & above	02	06
20 - 34	11	08	Total	30	31

Deaths reported in 2023 [Districts/Admin area] [Provisional]					
District/area	No	District/area	No	District/area	No
Colombo ^[1]	8	Matale	1	Trincomalee	3
CMC	4	Galle	2	Kurunegala	4
Gampaha	7	Matara	4	Puttalam	5
Kalutara ^[2]	3	Jaffna	4	Badulla	2
NIHS	1	Kilinochchi	1	Ratnapura	2
Kandy	8	Batticaloa	1	Kegalle	1

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

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

KEY ACTIVITIES CONDUCTED DURING WEEK 02 AT NATIONAL LEVEL

Establishment of hot-line at Ministry of Health by the Disaster Preparedness and Response Division (DPRD) and National Dengue Control Unit (NDCU), with involvement of Sri Lanka Police, Tri-forces to receive and take action on complaints in dengue breeding sites and give advice on dengue (Hotline: 011 – 7966 366).
 Conducting the special mosquito control week from 7th to 13th January in 70 identified high-risk MOH areas across 17 districts/health regions.

OUR LIVES, OUR RESPONSIBILITY