



WEEKLY DENGUE UPDATE



Week 40 (2nd – 8th October 2023)

National Dengue Control Unit, Ministry of Health

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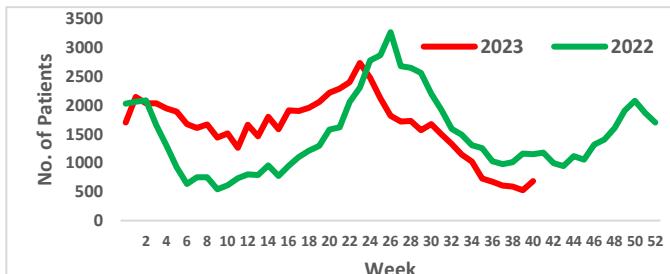
Week
40

Year: 2023 Volume: 03 Issue: 40

DENGUE CASE REPORTING

During 40th week, 684 suspected dengue cases were reported in 21 districts in comparison to 526, in 24 districts during the 39th week. There is 30% increase in 40th week, compared to the previous week. Of all reported cases, 43.3% were from Western Province [Colombo Municipal Council -6.9%, rest of the Colombo District – 14.5%, Gampaha District -17.7% and Kalutara District – 4.2%]. Kandy [18.7%], Galle [7.3%], Matale [4.7%], Kurunegala [4.2%], Jaffna [3.4%] and Badulla [3.4 %] districts also have reported higher number of cases (Table 1).

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023



Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology Unit)

HIGH RISK MOH AREAS (Table 2)

During 40th week, 16 MOH areas were flagged as high-risk. Of them, 15 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 2 MOH areas (MC Kandy and MC Galle) in both 39th and 40th weeks.

The MOH areas that were flagged as high-risk in 39th week and not flagged for the current week are; Gothatuwa and Beruwala. The MOH areas that were newly flagged as high-risk areas in 40th week are Piliyandala, Moratuwa, Attanagalla, Kelaniya, Dompe, Ragama, Gampola, Kundasale, Udunuwara, Matale and Badulla.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

*After updated with delayed reporting from hospitals, average midnight total for the 39th week shows an increase from 198 to 199.

Average midnight total of dengue patients in selected 73 hospitals was 271 in 40th week. In 38 hospitals, the average midnight total has increased and in 11 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 40th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 39 and 40 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 40	
	Week	Week	Week	Week	2022	2023
Colombo	217	205	83	146	14383	13704
Gampaha	280	93	61	121	9606	13502
Kalutara	61	50	39	29	5336	4247
Kandy	151	29	96	128	5256	5752
Matale	37	7	27	32	962	1282
Nuwara Eliya	1	3	1	1	143	171
Galle	33	15	40	50	3294	2622
Hambantota	11	9	10	7	1267	1098
Matara	22	9	14	16	1388	1310
Jaffna	42	Nil	21	23	2380	1918
Kilinochchi	Nil	Nil	Nil	Nil	107	73
Mannar	Nil	Nil	1	Nil	165	87
Vavuniya	2	Nil	Nil	Nil	75	119
Mullaitivu	Nil	Nil	1	Nil	21	123
Batticaloa	8	3	11	9	1016	2253
Ampara	Nil	3	4	Nil	135	177
Trincomalee	7	2	4	6	1026	1957
Kalmunai*	28	1	7	5	1288	2292
Kurunegala	37	26	27	29	2065	3091
Puttalam	65	11	8	8	2247	575
Anuradhapura	7	2	6	1	474	481
Polonnaruwa	11	1	4	2	308	849
Badulla	16	11	8	23	796	510
Monaragala	7	3	3	14	395	2657
Ratnapura	59	19	29	15	2807	2725
Kegalle	59	17	21	19	2377	1662
Total	1161	519	526	684	59317	65237

Source: DenSys (Dengue Sentinel Site Surveillance, Epidemiology 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 (16)

MOH Area	Cases reported	
	Week 39	Week 40
WESTERN PROVINCE		
Colombo District		
Piliyandala*	7	10
MC Colombo*	16	47
Moratuwa*	3	10
Gampaha District		
Attanagalla*	5	18
Kelaniya*	4	10
Dompe*	5	16

MOH Area	Cases reported	
	Week 39	Week 40
Ragama*	2	11
CENTRAL PROVINCE		
Kandy District		
Gampola*	9	11
Gangawatakorale*	11	13
Harispattuwa*	11	14
Kundasale*	6	14
MC Kandy	22	23
Udunuwara*	7	13

MOH Area	Cases reported	
	Week 39	Week 40
Matale District		
Matale*	5	12
SOUTHERN PROVINCE		
Galle District		
MC Galle	17	16
UVA PROVINCE		
Badulla District		
Badulla*	4	13

*MOH areas with a rising trend (15)

Newly flagged MOH areas as high-risk areas- (11)

Persistently High MOH areas - 2

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 40

Hospital	Average Midnight Total		
	Week 39	Week 40	Change
NH-Kandy	20	25	↑
TH-Col-South	11	20	↑
NHSL	12	17	↑
TH-Peradeniya	15	16	↑
TH-Karapitiya	13	15	↑
BH- Wathupitiwala	6	14	↑
NIID	11	14	↑

Hospital	Average Midnight Total		
	Week 39	Week 40	Change
DGH- Negombo	6	13	↑
TH-Col-North	7	12	↑
PGH-Badulla	7	10	↑
DGH- Matara	6	9	↑
DGH-Matale	8	9	↑
LRH	5	6	↑
BH- Kiribathgoda	3	6	↑

Hospital	Average Midnight Total		
	Week 39	Week 40	Change
BH- Warakapola	4	6	↑
TH- Kalutara	4	5	↑
DGH-Kegalle	4	5	↑
BH-Gampola	3	5	↑
DGH-Avissawella	4	5	↑
BH-Balapitiya	2	4	↑
TH-Ratnapura	5	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 40 AT NATIONAL LEVEL

- The new National Dengue Surveillance System (NaDSyS) is being introduced Island-wide which is more comprehensive and robust. The present Dengue Sentinel Site Surveillance (DenSyS) will be replaced by the new system; Training of REs, MOOH, ICNOs and PHII has already been completed in Colombo, Gampaha, Kandy, Nuwara Eliya, Matale, Ratnapura and Kegalle districts.

OUR LIVES, OUR RESPONSIBILITY