



WEEKLY DENGUE UPDATE

Week 39 (25th September – 1st October 2023)

National Dengue Control Unit, Ministry of Health

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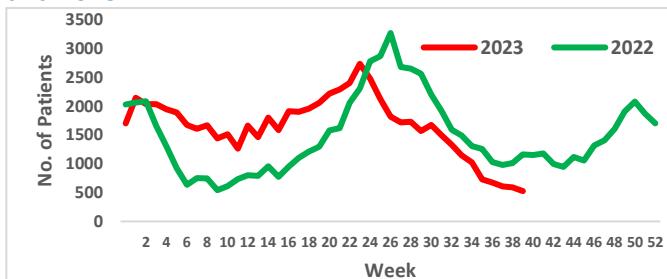
Week
39

Year: 2023 Volume: 03 Issue: 39

DENGUE CASE REPORTING

During 39th week, 526 suspected dengue cases were reported in 24 districts in comparison to 590 cases in 23 districts during the 38th week. There is a 10.8% decrease in 39th week, compared to the previous week. Of all reported cases, 34.8% were from Western Province [Colombo Municipal Council - 3.0%, rest of the Colombo District – 12.7%, Gampaha District -11.6% and Kalutara District -7.4%]. Kandy [18.3%], Galle [7.6%], Ratnapura [5.5%], Kurunegala [5.1%], Matale [5.1%], Jaffna [4.0%] and Kegalle [4.0%] 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 39th week, 7 MOH areas were flagged as high-risk. Of them, 3 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 38th weeks.

The MOH areas that were flagged as high-risk in 38th week and not flagged for the current week are; PitaKotte, Attanagalla, Panadura, Gampola, Nallur, Badulla, Udunuwara and Wattegama.

The MOH areas that were newly flagged as high-risk areas in 39th week are MC Colombo, Gothatuwa and Beruwela (NIHS).

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

*After updated with delayed reporting from hospitals, average midnight total for the 38th week shows a decrease from 230 to 229.

Average midnight total of dengue patients in selected 73 hospitals was 198 in 39th week. In 20 hospitals, the average midnight total has increased and in 24 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 39th week are illustrated in Table 3.

Table 1: Reported dengue cases in week 38 and 39 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 39	
	Week	Week	38	39	2022	2023
Colombo	138	217	72	83	14167	13558
Gampaha	232	280	69	61	9329	13381
Kalutara	64	61	48	39	5281	4218
Kandy	117	151	134	96	5135	5624
Matale	34	37	11	27	931	1250
Nuwara Eliya	1	1	2	1	141	170
Galle	48	33	47	40	3241	2572
Hambantota	13	11	7	10	1254	1091
Matara	18	22	23	14	1360	1294
Jaffna	54	42	38	21	2331	1895
Kilinochchi	2	Nil	2	Nil	106	73
Mannar	Nil	Nil	Nil	1	165	87
Vavuniya	1	2	Nil	Nil	72	119
Mullaitivu	1	Nil	Nil	1	21	123
Batticaloa	13	8	12	11	1005	2244
Ampara	2	Nil	4	4	134	177
Trincomalee	4	7	1	4	1021	1951
Kalmunai*	33	28	6	7	1251	2287
Kurunegala	19	37	18	27	2039	3062
Puttalam	61	65	8	8	2167	567
Anuradhapura	2	7	3	6	465	480
Polonnaruwa	11	11	4	4	302	847
Badulla	19	16	20	8	771	487
Monaragala	6	7	6	3	381	2643
Ratnapura	52	59	27	29	2762	2710
Kegalle	69	59	28	21	2333	1643
Total	1014	1161	590	526	58165	64553

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

*Amprara 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 (7)

MOH Area	Cases reported	
	Week 38	Week 39
WESTERN PROVINCE		
Colombo District		
MC Colombo*	9	16
Gothatuwa*	5	12

MOH Area	Cases reported	
	Week 38	Week 39
Kalutara District		
Beruwala*	8	11
CENTRAL PROVINCE		
Kandy District		
Gangawatakorale	12	11

MOH Area	Cases reported	
	Week 38	Week 39
Harispattuwa	11	11
MC Kandy	27	22
SOUTHERN PROVINCE		
Galle District		
MC Galle	17	20

*MOH areas with a rising trend (3)

Newly flagged MOH areas as high-risk areas-3

Persistently High MOH areas - 2

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 39

Hospital	Average Midnight Total		
	Week 38	Week 39	Change
NH-Kandy	28	20	⬇️
TH-Peradeniya	18	15	⬇️
TH-Karapitiya	18	14	⬇️
NHSL	14	12	⬇️
NIID	8	11	⬆️
TH-Col-South	15	11	⬇️
DGH-Matale	4	8	⬆️

Hospital	Average Midnight Total		
	Week 38	Week 39	Change
PGH-Badulla	6	7	⬆️
TH-Col-North	8	7	⬇️
DGH- Negombo	6	6	-
DGH- Matara	7	6	⬇️
TH-Ratnapura	8	5	⬇️
LRH	5	5	-
BH- Wathupitiwala	5	5	-

Hospital	Average Midnight Total		
	Week 38	Week 39	Change
TH- Kalutara	6	4	⬇️
BH- Beruwala	3	4	⬆️
BH- Warakapola	4	4	-
DGH-Avissawella	3	4	⬆️
DGH-Kegalle	3	4	⬆️

KEY ACTIVITIES CONDUCTED DURING WEEK 39 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 and PHII has already been completed in Colombo, Gampaha, Kandy, Nuwara Eliya, Matale and Ratnapura districts.

OUR LIVES, OUR RESPONSIBILITY

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