



WEEKLY DENGUE UPDATE



Week 41 (9th – 15th October 2023)

National Dengue Control Unit, Ministry of Health

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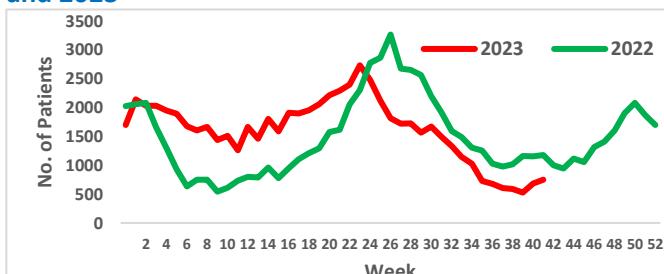
Week
41

Year: 2023 Volume: 03 Issue: 41

DENGUE CASE REPORTING

During 41st week, 751 suspected dengue cases were reported in 25 districts in comparison to 684, in 21 districts during the 40th week. There is 9.8% increase in 41st week, compared to the previous week. Of all reported cases, 41.3% were from Western Province [Colombo Municipal Council -7.3%, rest of the Colombo District – 16.1%, Gampaha District -14.1% and Kalutara District – 3.7%]. Kandy [18.1%], Galle [8.9%], Kegalle [4.5%], Kurunegala [4.0%], and Ratnapura [3.5%] 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 41th week, 13 MOH areas were flagged as high-risk. Of them, 8 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 40th and 41st weeks.

The MOH areas that were flagged as high-risk in 40th week and not flagged for the current week are; Piliyandala, Moratuwa, Kelaniya, Ragama, Matale, Kundasale and Udunuwara. The MOH areas that were newly flagged as high-risk areas in 41st week are Maharagama, Gothuwawa, MC Negombo and Panadura.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

*After updated with delayed reporting from hospitals, average midnight total for the 40th week shows a decrease from 271 to 261.

Average midnight total of dengue patients in selected 73 hospitals was 295 in 41st week. In 27 hospitals, the average midnight total has increased and in 15 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 41st week are illustrated in Table 3.

Table 1: Reported dengue cases in week 40 and 41 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 41	
	Week	Week	Week	Week	2022	2023
Colombo	205	240	146	176	14623	13880
Gampaha	93	259	121	106	9865	13606
Kalutara	50	55	29	28	5391	4275
Kandy	29	120	128	136	5376	5888
Matale	7	25	32	25	987	1307
Nuwara Eliya	3	8	1	1	151	172
Galle	15	36	50	67	3330	2689
Hambantota	9	15	7	1	1282	1099
Matara	9	24	16	21	1412	1331
Jaffna	Nil	44	23	17	2424	1935
Kilinochchi	Nil	3	Nil	Nil	110	0
Mannar	Nil	13	Nil	1	178	1
Vavuniya	Nil	Nil	Nil	2	75	121
Mullaitivu	Nil	Nil	Nil	1	21	1
Batticaloa	3	19	9	9	1035	2262
Ampara	3	3	Nil	5	138	182
Trincomalee	2	8	6	7	1034	1964
Kalmunai*	1	37	5	4	1325	1616
Kurunegala	26	35	29	30	2100	2379
Puttalam	11	91	8	17	2338	3059
Anuradhapura	2	4	1	4	478	565
Polonnaruwa	1	3	2	3	311	484
Badulla	11	28	23	24	824	914
Monaragala	3	13	14	6	408	488
Ratnapura	19	53	15	26	2860	2731
Kegalle	17	42	19	34	2419	2756
Total	519	1178	684	751	60495	65705

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

*Amara 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 (13)

MOH Area	Cases reported	
	Week 40	Week 41
WESTERN PROVINCE		
Colombo District		
Maharagama*	9	14
MC Colombo*	47	55
Gothatuwa*	9	11
Gampaha District		
Attanagalla	18	12
Dompe	17	10

MOH Area	Cases reported	
	Week 40	Week 41
MC Negombo*	6	10
Kalutara District		
Panadura*	2	11
CENTRAL PROVINCE		
Kandy District		
Gampola*	11	13
Gangawatakorale*	13	25
Harispattuwa	14	13

MOH Area	Cases reported	
	Week 40	Week 41
MC Kandy	23	23
SOUTHERN PROVINCE		
Galle District		
MC Galle*	16	21
UVA PROVINCE		
Badulla District		
Badulla	13	12

*MOH areas with a rising trend (8)

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 41

Hospital	Average Midnight Total		
	Week 40	Week 41	Change
NHSL	18	32	↑
NH-Kandy	25	28	↑
TH-Karapitiya	14	21	↑
TH-Peradeniya	16	16	-
TH-Col-South	20	16	↓
NIID	14	15	↑
DGH- Negombo	13	13	-
TH-Col-North	8	12	↑

Hospital	Average Midnight Total		
	Week 40	Week 41	Change
LRH	6	11	↑
DGH- Matara	9	10	↑
PGH-Badulla	10	10	-
DGH-Avissawella	5	8	↑
BH- Wathupitiwala	14	8	↓
DGH-Matale	9	8	↓
BH- Kiribathgoda	7	6	↓
DGH- Embilipitiya	3	6	↑

Hospital	Average Midnight Total		
	Week 40	Week 41	Change
TH-Ratnapura	4	6	↑
BH- Panadura	2	5	↑
DGH- Gampaha	2	5	↑
BH-Gampola	5	4	↓
DGH-Kegalle	5	4	↓
BH- Warakapola	4	4	-
TH- Kalutara	5	4	↓
BH-Balapitiya	4	4	-

KEY ACTIVITIES CONDUCTED DURING WEEK 41 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, Kegalle and Galle districts.

OUR LIVES, OUR RESPONSIBILITY

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