



WEEKLY DENGUE UPDATE

Week 43 (23rd – 29th October 2023)

National Dengue Control Unit, Ministry of Health

ISSN 2950-7243



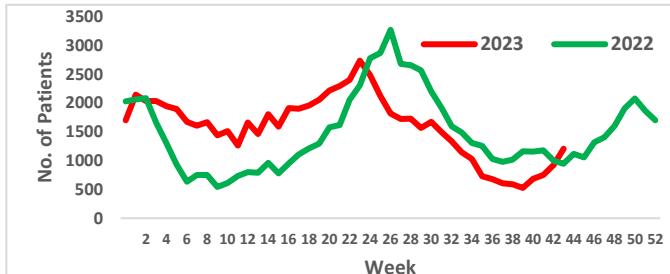
Week
43

Year: 2023 Volume: 03 Issue: 43

DENGUE CASE REPORTING

During 43rd week, 1204 suspected dengue cases were reported in 24 districts in comparison to 922, in 24 districts during the 42nd week. There is 30.6% increase in 43rd week, compared to the previous week. Of all reported cases, 45.5% were from Western Province [Colombo Municipal Council -8.1%, rest of the Colombo District – 17.5%, Gampaha District -16.4% and Kalutara District – 3.6%]. Kandy [14.4%], Kurunegala [7.1%], Galle [4.8%], Matale [4.7%], Kegalle [3.2%], and Badulla [3.1%] 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 43rd week, 36 MOH areas were flagged as high-risk. Of them, 30 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 17 MOH areas in both 42nd and 43rd weeks.

The MOH areas that were newly flagged as high-risk areas in 43rd week are Dehiwala, Homagama, Maharagama, Battaramulla, Gampaha, Ja-Ela, MC Negombo, Ragama, Seeduwa, Akurana, Medadumbara, Yatinuwara, Menikhinna, MC Matale, Kuliyapitiya, Kurunegala and Warakapola. The MOH areas that were flagged as high-risk in 42nd week and not flagged for the current week are; Kolonnawa, Moratuwa, Udunuwara, Akmeemana and Panadura.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

*After updated with delayed reporting from hospitals, average midnight total for the 42nd week shows an increase from 349 to 361.

Average midnight total of dengue patients in selected 73 hospitals was 467 in 43rd week. In 34 hospitals, the average midnight total has increased and in 9 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 43rd week are illustrated in Table 3.

Table 1: Reported dengue cases in week 42 and 43 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 43	
	Week	Week	Week	Week	2022	2023
Colombo	171	143	213	308	14937	14401
Gampaha	232	183	155	197	10280	13958
Kalutara	78	80	36	43	5549	4354
Kandy	97	99	135	197	5572	6220
Matale	18	37	43	57	1042	1407
Nuwara Eliya	4	2	1	6	157	179
Galle	39	40	79	58	3409	2826
Hambantota	11	14	3	6	1307	1108
Matara	29	21	24	14	1462	1369
Jaffna	52	52	14	24	2528	1973
Kilinochchi	2	1	3	1	113	77
Mannar	4	6	Nil	Nil	188	88
Vavuniya	1	1	4	1	77	126
Mullaitivu	Nil	2	Nil	Nil	23	124
Batticaloa	29	13	11	19	1077	2292
Ampara	1	1	1	5	140	188
Trincomalee	1	6	3	12	1041	1979
Kalmunai*	20	Nil	3	5	1345	1624
Kurunegala	22	32	55	86	2154	2520
Puttalam	54	60	22	32	2452	3113
Anuradhapura	11	5	4	8	494	577
Polonnaruwa	10	6	6	15	327	505
Badulla	13	39	32	37	876	983
Monaragala	14	13	9	10	435	507
Ratnapura	38	31	18	25	2929	2774
Kegalle	46	56	48	38	2521	2842
Total	997	943	922	1204	62435	68114

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 (36)

MOH Area	Cases reported	
	Week 42	Week 43
WESTERN PROVINCE		
Colombo District		
Dehiwala*	9	20
Homagama*	9	13
Kaduwela	17	11
Maharagama*	8	21
MC Colombo*	56	97
Nugegoda*	18	24
Battaramulla*	6	12
Gothatuwa*	14	26
Gampaha District		
Attanagalla	27	18
Biyagama*	13	15
Gampaha*	7	10
Ja-Ela*	8	13
Kelaniya*	16	22
Dompe*	11	24

MOH Area	Cases reported	
	Week 42	Week 43
Mahara	12	12
MC Negombo*	7	14
Ragama*	9	12
Wattala	18	18
Seeduwa*	6	11
CENTRAL PROVINCE		
Kandy District		
Akurana*	2	12
Gangawatakorale*	13	20
Harispattuwa	17	17
Kundasale*	10	18
MC Kandy*	15	24
Medadumbara*	6	13
Poojapitiya*	10	11
Wattegama	11	11
Yatinuwara*	5	14
Menikhinna*	4	11

MOH Area	Cases reported	
	Week 42	Week 43
Matale District		
Matale*	22	23
MC Matale*	5	11
SOUTHERN PROVINCE		
Galle District		
MC Galle*	32	18
NORTHWESTERN PROVINCE		
Kurunegala District		
Kuliyapitiya*	3	12
Kurunegala*	3	16
UVA PROVINCE		
Badulla District		
Badulla*	20	23
SABARAGAMUWA PROVINCE		
Kegalle District		
Warakapola*	7	15

*MOH areas with a rising trend (30)

Newly flagged MOH areas as high-risk areas (17)

Persistently High MOH areas (17)

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 43

Hospital	Average Midnight Total		
	Week 42	Week 43	Change
NH-Kandy	28	41	↑
NHSL	27	39	↑
NIID	31	35	↑
TH-Col-South	22	34	↑
TH-Karapitiya	20	28	↑
DGH-Matale	17	23	↑
TH-Peradeniya	17	22	↑
TH-Col-North	14	19	↑
DGH- Negombo	16	19	↑

Hospital	Average Midnight Total		
	Week 42	Week 43	Change
PGH-Badulla	13	17	↑
BH- Wathupitiwala	16	16	-
LRH	12	14	↑
DGH- Gampaha	9	11	↑
DGH- Matara	12	10	↓
DGH- Kegalle	7	9	↑
DGH-Avissawella	9	9	-
TH-Kurunegala	3	8	↑
BH- Warakapola	7	8	↑

Hospital	Average Midnight Total		
	Week 42	Week 43	Change
BH- Kiribathgoda	6	6	-
TH-Ratnapura	7	6	↓
DGH-Polonnaruwa	2	6	↑
BH-Puttalam	2	5	↑
BH-Point Pedro	3	5	↑
TH- Kalutara	5	5	-
BH-Marawila	2	4	↑
BH- Kiribathgoda	6	6	-

KEY ACTIVITIES CONDUCTED DURING WEEK 43 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, Galle, Anuradhapura, Polonnaruwa, Jaffna, Vavuniya, Mannar, Mullaitivu, Kilinochchi, Badulla and Moneragala districts.

OUR LIVES, OUR RESPONSIBILITY