



WEEKLY DENGUE UPDATE



Week 42 (16th – 22nd October 2023)

National Dengue Control Unit, Ministry of Health

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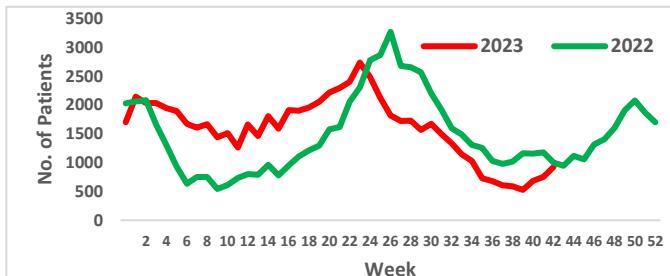
Week
42

Year: 2023 Volume: 03 Issue: 42

DENGUE CASE REPORTING

During 42nd week, 922 suspected dengue cases were reported in 24 districts in comparison to 751, in 25 districts during the 41st week. There is 22.8% increase in 42nd week, compared to the previous week. Of all reported cases, 43.8% were from Western Province [Colombo Municipal Council -6.1%, rest of the Colombo District – 17.0%, Gampaha District -16.8% and Kalutara District – 3.9%]. Kandy [14.6%], Galle [8.6%], Kurunegala [6.0%], Kegalle [5.2%], Matale [4.7%] and Badulla [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 42nd week, 24 MOH areas were flagged as high-risk. Of them, 22 MOH areas showed rising numbers than their respective numbers in previous week. Persistently high number of patients are observed in 6 MOH areas in both 41st and 42nd weeks.

The MOH areas that were newly flagged as high-risk areas in 42nd week are Kaduwela, Kolonnawa, Moratuwa, Nugegoda, Biyagama, Kelaniya, Mahara, Wattala, Kundasale, Poojapitiya, Udunuwara, Wattegama, Matale and Akmeemana. The MOH areas that were flagged as high-risk in 41st week and not flagged for the current week are; MC Negombo and Gampola.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

* After updated with delayed reporting from hospitals, average midnight total for the 41st week shows a decrease from 295 to 293.

Average midnight total of dengue patients in selected 73 hospitals was 349 in 42nd week. In 23 hospitals, the average midnight total has increased and in 16 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 42nd week are illustrated in Table 3.

Table 1: Reported dengue cases in week 41 and 42 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 42	
	Week	Week	Week	Week	2022	2023
41	42	41	42			
Colombo	240	171	176	213	14794	14093
Gampaha	259	232	106	155	10097	13761
Kalutara	55	78	28	36	5469	4311
Kandy	120	97	136	135	5473	6023
Matale	25	18	25	43	1005	1350
Nuwara Eliya	8	4	1	1	155	173
Galle	36	39	67	79	3369	2768
Hambantota	15	11	1	3	1293	1102
Matara	24	29	21	24	1441	1355
Jaffna	44	52	17	14	2476	1949
Kilinochchi	3	2	Nil	3	112	76
Mannar	13	4	1	Nil	182	88
Vavuniya	Nil	1	2	4	76	125
Mullaitivu	Nil	Nil	1	Nil	21	124
Batticaloa	19	29	9	11	1064	2273
Ampara	3	1	5	1	139	183
Trincomalee	8	1	7	3	1035	1967
Kalmunai*	37	20	4	3	1345	1619
Kurunegala	35	22	30	55	2122	2434
Puttalam	91	54	17	22	2392	3081
Anuradhapura	4	11	4	4	489	569
Polonnaruwa	3	10	3	6	321	490
Badulla	28	13	24	32	837	946
Monaragala	13	14	6	9	422	497
Ratnapura	53	38	26	18	2898	2749
Kegalle	42	46	34	48	2465	2804
Total	1178	997	751	922	61492	66910

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 (24)

MOH Area	Cases reported	
	Week 40	Week 41
WESTERN PROVINCE		
Colombo District		
Kaduwela*	9	17
Kolonnawa*	5	10
MC Colombo*	55	56
Moratuwa*	7	11
Nugegoda*	5	18
Gothatuwa*	11	14
Gampaha District		
Attanagalla*	12	27
Biyagama*	8	13
Kelaniya*	9	16

MOH Area	Cases reported	
	Week 40	Week 41
Dompe*	10	11
Mahara*	2	12
Wattala*	8	18
Kalutara District		
Panadura*	2	11

MOH Area	Cases reported	
	Week 40	Week 41
Udunuwara*	6	16
Wattegama*	6	11
Matale District		
Matale*	9	22

*MOH areas with a rising trend (22)

Newly flagged MOH areas as high-risk areas (15)

Persistently High MOH areas (6)

Table 3: Hospitals with high average midnight totals and admissions for dengue patients in the week 42

Hospital	Average Midnight Total		
	Week 41	Week 42	Change
NIID	15	31	↑
NH-Kandy	28	28	-
NHSL	32	27	↓
TH-Col-South	16	22	↑
TH-Karapitiya	21	19	↓
TH-Peradeniya	16	17	↑
DGH-Matale	8	17	↑
DGH- Negombo	12	16	↑

Hospital	Average Midnight Total		
	Week 41	Week 42	Change
BH- Wathupitiwala	8	16	↑
PGH-Badulla	10	13	↑
TH-Col-North	12	13	↑
DGH- Matara	10	13	↑
DGH-Avissawella	8	9	↑
DGH- Gampaha	5	9	↑
LRH	8	8	-
DGH-Kegalle	4	7	↑

Hospital	Average Midnight Total		
	Week 41	Week 42	Change
TH-Ratnapura	6	7	↑
BH- Kiribathgoda	6	6	-
BH- Warakapola	4	6	↑
TH- Kalutara	4	5	↑
BH- Nikaweratiya	1	4	↑
BH- Panadura	5	4	↓

KEY ACTIVITIES CONDUCTED DURING WEEK 42 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 and Kilinochchi districts.

OUR LIVES, OUR RESPONSIBILITY