



WEEKLY DENGUE UPDATE

06th February 2023 – 12th March 2023

National Dengue Control Unit, Ministry of Health

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Week
10

DENGUE CASE REPORTING

During the week 10, 1511 suspected dengue cases were reported in 26 districts in comparison to 1438 cases in 25 districts during the week 09. There is a 5.1% increase in week 10, compared to the previous week. Of all reported cases 51.9% were from Western Province [Colombo Municipal Council – 4.1%, Rest of the Colombo District – 18.1%, Gampaha District – 23.8% and Kalutara District – 5.8%]. Puttalam [7.1%], Batticaloa [4.4%], Kegalle [4.4%], Galle [3.9%] and Kandy [3.7%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Thirty-eight MOH areas were flagged as high-risk areas during week 10. Out of them, 09 MOH areas showed a rising number of cases in week 10 compared to the week 09, and another 29 MOH areas showed persistently high number of cases in both weeks 10 and 09 (Table 2).

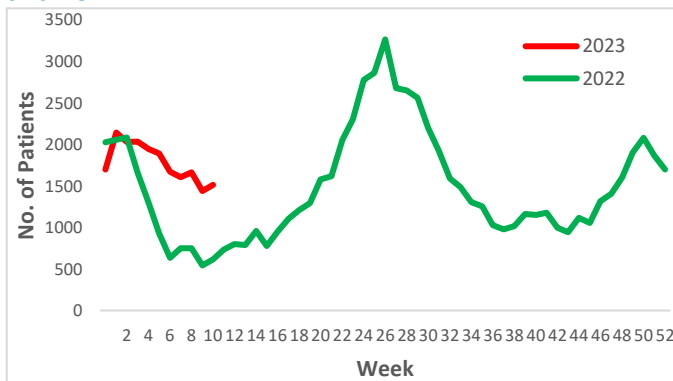
In week 10, high risk levels of Piliyandala, Egoda Uyana, Point Pedro, Vavuniya, Eravur, Koral Pattu Central, Nattandiya and MC Rathnapura MOH areas have come down while Nugegoda, Badulla, Kuruwita and Mawanella MOH areas were newly identified as high-risk areas.

MIDNIGHT TOTAL OF DENGUE PATIENT ADMISSIONS

Average midnight total of dengue patients in selected 73 hospitals throughout the country was 574 and 544 during the weeks 09 and 10 respectively. In 27 hospitals, the average midnight total has decreased and in 24 hospitals the average mid night total has increased in the week 10 when compared with the previous week. Selected hospitals with high average midnight totals of dengue patients and changing trend of dengue admissions in the week 10 are displayed in Table 3.

**Average midnight total of the 09th week shows an increase from 569 to 574 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2021 and 2022



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

Table 1: Reported dengue cases in week 10 and 09 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 10	
	Week		Week		2022	2023
	09	10	09	10		
Colombo	99	123	324	336	2691	3918
Gampaha	77	63	370	360	1910	3961
Kalutara	65	55	83	88	949	1051
Kandy	33	22	51	56	506	704
Matale	10	6	21	16	111	213
Nuwara Eliya	2	Nil	2	1	34	26
Galle	8	52	31	59	610	444
Hambantota	10	11	15	14	174	182
Matara	9	14	26	21	203	318
Jaffna	27	53	51	51	558	739
Kilinochchi	1	1	1	5	30	35
Mannar	5	1	Nil	3	126	34
Vavuniya	1	2	14	4	33	38
Mullaitivu	Nil	Nil	1	2	4	40
Batticaloa	17	15	74	66	201	523
Ampara	1	2	3	3	36	30
Trincomalee	26	22	55	50	258	403
Kalmunai*	15	18	35	37	245	921
Kurunegala	21	33	49	52	659	630
Puttalam	34	46	117	108	772	1862
Anuradhapura	6	8	4	21	117	123
Polonnaruwa	1	1	11	7	30	135
Badulla	14	7	10	31	239	290
Monaragala	7	5	5	3	84	103
Rathnapura	45	34	59	51	453	587
Kegalle	8	19	26	66	268	615
Total	542	613	1438	1511	11301	17925

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

MOH Area	Cases reported	
	Week 09	Week 10
WESTERN PROVINCE		
Colombo District		
Dehiwala	7	14
Homagama	13	15
Kaduwela	17	32
Maharagama	16	29
MC Colombo	83	62
Moratuwa	15	10
Nugegoda	6	13
Hanwella	17	20
Battaramulla	11	32
Ratmalana	13	13
Gothatuwa	46	39
Gampaha District		
Attanagalla	26	24
Biyagama	28	44
Divulapitiya	18	19
Gampaha	24	21

MOH Area	Cases reported	
	Week 09	Week 10
Ja-Ela	25	17
Katana	24	27
Kelaniya	28	32
Mahara	21	18
MC Negombo	53	40
Minuwangoda	15	14
Mirigama	12	10
Ragama	17	21
Wattala	49	26
Seeduwa	14	30
Kalutara District		
Beruwala (NIHS)	16	12
Panadura	31	31
EASTERN PROVINCE		
Batticaloa District		
Batticaloa	15	22
Chenkalady	21	16
Trincomalee District		

MOH Area	Cases reported	
	Week 09	Week 10
Trincomalee	21	20
Uppuveli	25	17
NORTH WESTERN PROVINCE		
Puttalam District		
Chilaw	19	26
Kalpitiya	29	27
Puttalam	13	16
UVA PROVINCE		
Badulla District		
Badulla	4	13
SABARAGAMUWA PROVINCE		
Rathnapura District		
Eheliyagoda	12	13
Kuruwita	6	10
Kegalle District		
Mawanella	0	23

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 10

Hospital	Average Midnight Total		
	Week 9	Week 10	Change
DGH- Negombo	62	66	↑
NIID	48	39	↓
NHSL	44	33	↓
TH-Col-South	36	32	↓
DGH-Trincomalee	31	24	↓
TH-Col-North	39	22	↓
BH- Panadura	18	20	↑
DGH-Chilaw	22	19	↓
BH-Puttalam	20	17	↓
TH-Karapitiya	9	15	↑
TH-Kandy	7	15	↑
BH- Kiribathgoda	15	14	↓
DGH- Gampaha	14	14	-

Hospital	Average Midnight Total		
	Week 9	Week 10	Change
LRH	16	14	↓
TH-Batticaloa	16	13	↓
DGH-Kegalle	7	13	↑
BH- Wathupitiwala	10	11	↑
PGH-Badulla	7	10	↑
BH-Avissawella	10	9	↓
TH-Peradeniya	9	9	-
TH-Ratnapura	11	9	↓
TH- Kalutara	6	8	↑
BH-Marawila	12	8	↓
DGH- Embilipitiya	6	7	↓
DGH-Hambantota	2	7	↑
TH-Kurunegala	3	6	↑

Hospital	Average Midnight Total		
	Week 9	Week 10	Change
BH- Warakapola	5	6	↑
DGH-Matara	7	6	↓
BH- Minuwangoda	6	6	-
BH-Kamburupitiya	5	6	↑
BH-Dambulla	2	5	↑
BH-Kalmunai AMH	3	4	↑
BH- Mirigama	4	4	-
TH-Jaffna	3	4	↑
BH-Balapitiya	2	4	↑
BH- Mawanella	6	4	↓
BH-Point Pedro	6	4	↓

KEY ACTIVITIES CONDUCTED DURING WEEK 10 of 2023

- Training on clinical management of dengue for Registrars in Emergency Medicine at the National Institute of Infectious Diseases.

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