



WEEKLY DENGUE UPDATE

20th March 2023 – 26th March 2023

National Dengue Control Unit, Ministry of Health



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Week
12

DENGUE CASE REPORTING

During the week 12, 1661 suspected dengue cases were reported in 25 districts in comparison to 1259 cases in 23 districts during the week 11. There is a 31.9% increase in week 12, compared to the previous week. Of all reported cases 49.0% were from Western Province [Colombo Municipal Council – 5.8%, Rest of the Colombo District – 15.8%, Gampaha District – 22.7% and Kalutara District – 4.7%]. Trincomalee [7.5%], Puttalam [6.3%], Batticaloa [5.8%], Kandy [4.6%] and Kegalle [3.5%] districts also have reported higher number of cases (Table 1).

HIGH RISK MOH AREAS

Forty-four MOH areas were flagged as high-risk areas during week 12. Out of them, 15 MOH areas showed a rising number of cases in week 12 compared to the week 11, and another 26 MOH areas showed persistently high number of cases in both weeks 12 and 11 (Table 2).

In week 12, high risk levels of Piliyandala, Boralessgamuwa, Hanwella and Ruwanwella MOH areas have come down while Dehiwala, Pitakotte, Nugegoda, Kahathuduwa, Bandaragama, MC Kandy, Poojapitiya, Hambantota, Karaveddy, Chenkalady, Eravur, Kuchchavely, Puttalam, Mawanella, Yatiantota and Addalaichchenai 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 485 and 570 during the weeks 11 and 12 respectively. In 17 hospitals, the average midnight total has decreased and in 31 hospitals the average mid night total has increased in the week 12 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 12 are displayed in Table 3.

**Average midnight total of the 11th week shows an increase from 467 to 485 when compared to the previous week's report after updated with delayed reporting from hospitals.*

WEEKLY DISTRIBUTION OF DENGUE PATIENTS in 2022 and 2023

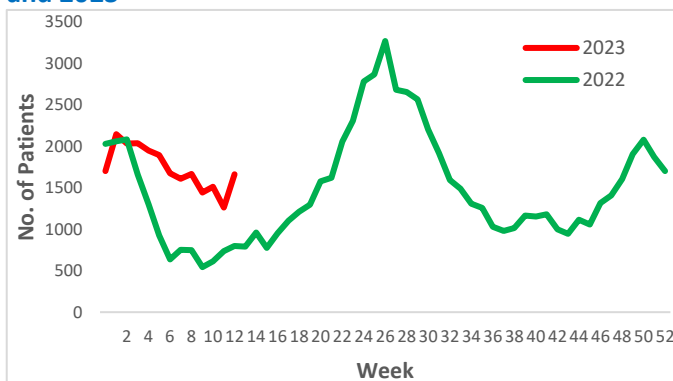


Table 1: Reported dengue cases in week 12 and 11 of 2023

District/ RDHS	No. of cases					
	2022		2023		Up to Week 12	
	Week		Week		2022	2023
	11	12	11	12		
Colombo	163	152	238	359	3006	4515
Gampaha	84	79	305	377	2073	4643
Kalutara	79	87	73	78	1115	1202
Kandy	25	35	63	76	566	843
Matale	1	6	19	32	118	264
Nuwara Eliya	4	1	Nil	4	39	30
Galle	45	81	47	30	736	521
Hambantota	12	5	20	39	191	241
Matara	15	17	29	17	235	364
Jaffna	74	59	54	54	691	847
Kilinochchi	6	1	3	Nil	37	38
Mannar	1	1	Nil	3	128	37
Vavuniya	2	1	8	1	36	47
Mullaitivu	Nil	Nil	Nil	3	4	43
Batticaloa	38	30	52	97	269	672
Ampara	1	2	2	5	39	37
Trincomalee	22	52	41	124	332	568
Kalmunai*	22	19	36	48	286	1005
Kurunegala	34	31	53	54	724	737
Puttalam	27	28	63	105	827	2030
Anuradhapura	7	9	12	9	133	144
Polonnaruwa	Nil	2	12	12	32	159
Badulla	8	11	18	20	258	328
Monaragala	8	6	6	4	98	113
Rathnapura	34	53	50	52	540	689
Kegalle	21	30	55	58	319	728
Total	733	798	1259	1661	12832	20845

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 11	Week 12
WESTERN PROVINCE		
Colombo District		
Dehiwala	5	12
Kaduwela	20	25
Pitakotte	8	12
Maharagama	13	31
MC Colombo	50	96
Moratuwa	16	12
Nugegoda	9	14
Kahathuduwa	6	10
Battaramulla	17	25
Gothatuwa	22	49
Gampaha District		
Attanagalla	16	18
Biyagama	19	42
Divulapitiya	15	14
Gampaha	9	14
Ja-Ela	20	32
Katana	24	28
Kelaniya	25	29
Dompe	14	10

MOH Area	Cases reported	
	Week 11	Week 12
Mahara	12	17
MC Negombo	53	52
Minuwangoda	28	15
Ragama	10	10
Wattala	15	46
Seeduwa	32	36
Kalutara District		
Bandaragama	9	14
Panadura	18	20
Wadduwa	12	10
CENTRAL PROVINCE		
Kandy District		
MC Kandy	8	13
Poojapitiya	4	10
SOUTHERN PROVINCE		
Hambantota District		
Hambantota	0	18
NORTHERN PROVINCE		
Jaffna District		
Karaveddy	9	11
EASTERN PROVINCE		

MOH Area	Cases reported	
	Week 11	Week 12
Batticaloa District		
Batticaloa	20	32
Chenkalady	7	12
Eravur	5	12
Trincomalee District		
Trincomalee	16	46
Kuchchavelly	0	11
Uppuveli	14	54
Kalmunai District		
Addalaichenai	8	11
NORTH WESTERN PROVINCE		
Puttalam District		
Chilaw	14	13
Kalpitiya	21	47
Puttalam	8	17
SABARAGAMUWA PROVINCE		
Rathnapura District		
Eheliyagoda	13	11
Kegalle District		
Mawanella	9	15
Yatiantota	8	14

Table 3: Hospitals with high average midnight totals of dengue patients and changing trend of admissions in the week 12

Hospital	Average Midnight Total		
	Week 11	Week 12	Change
DGH- Negombo	50	57	↑
NIID	39	56	↑
NHSL	30	43	↑
TH-Col-North	22	34	↑
TH-Col-South	30	29	↓
DGH-Trincomalee	31	29	↓
TH-Kandy	11	19	↑
TH-Batticaloa	14	17	↑
LRH	18	16	↓
BH-Puttalam	11	16	↑
BH- Panadura	15	15	-
BH- Kiribathgoda	10	13	↑
TH-Ratnapura	10	12	↑

Hospital	Average Midnight Total		
	Week 11	Week 12	Change
DGH-Kegalle	12	12	-
DGH- Gampaha	12	10	↓
BH- Wathupitiwala	8	10	↑
DGH-Hambantota	5	10	↑
TH-Peradeniya	6	10	↑
TH-Karapitiya	9	9	-
PGH-Badulla	8	9	↑
DGH-Chilaw	11	8	↓
BH-Kalmunai North	5	8	↑
BH-Point Pedro	6	8	↑
BH-Valachchenai	1	7	↑
DGH- Embilipitiya	4	7	↑
BH-Kalmunai AMH	5	6	↑

Hospital	Average Midnight Total		
	Week 11	Week 12	Change
BH-Avissawella	7	6	↓
BH-Matale	3	6	↑
BH- Warakapola	6	5	↓
DGH Matara	5	5	-
BH-Kamburupitiya	5	5	-
BH- Mirigama	3	5	↑
TH- Kalutara	6	5	↓
BH-Marawila	5	5	-
BH- Minuwangoda	5	5	-
DGH-Polonnaruwa	3	5	↑
BH-Nikaweratiya	3	5	↑
TH-Kurunegala	2	4	↑

KEY ACTIVITIES CONDUCTED DURING WEEK 12 of 2023

- National dengue review for regional epidemiologists.
- Meeting of the expert committee to review the Guidelines for *Aedes* vector surveillance and control